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Results of 1964

# REGIONAL COTTON VARIETY TESTS

by Cooperating Agricultural Experiment Stations

Alabama	Nevada
Arizona	New Mexico
Arkansas	North Carolina
California	Oklahoma
Georgia	South Carolina
Louisiana	Tennessee
Mississippi	Texas
Missouri	

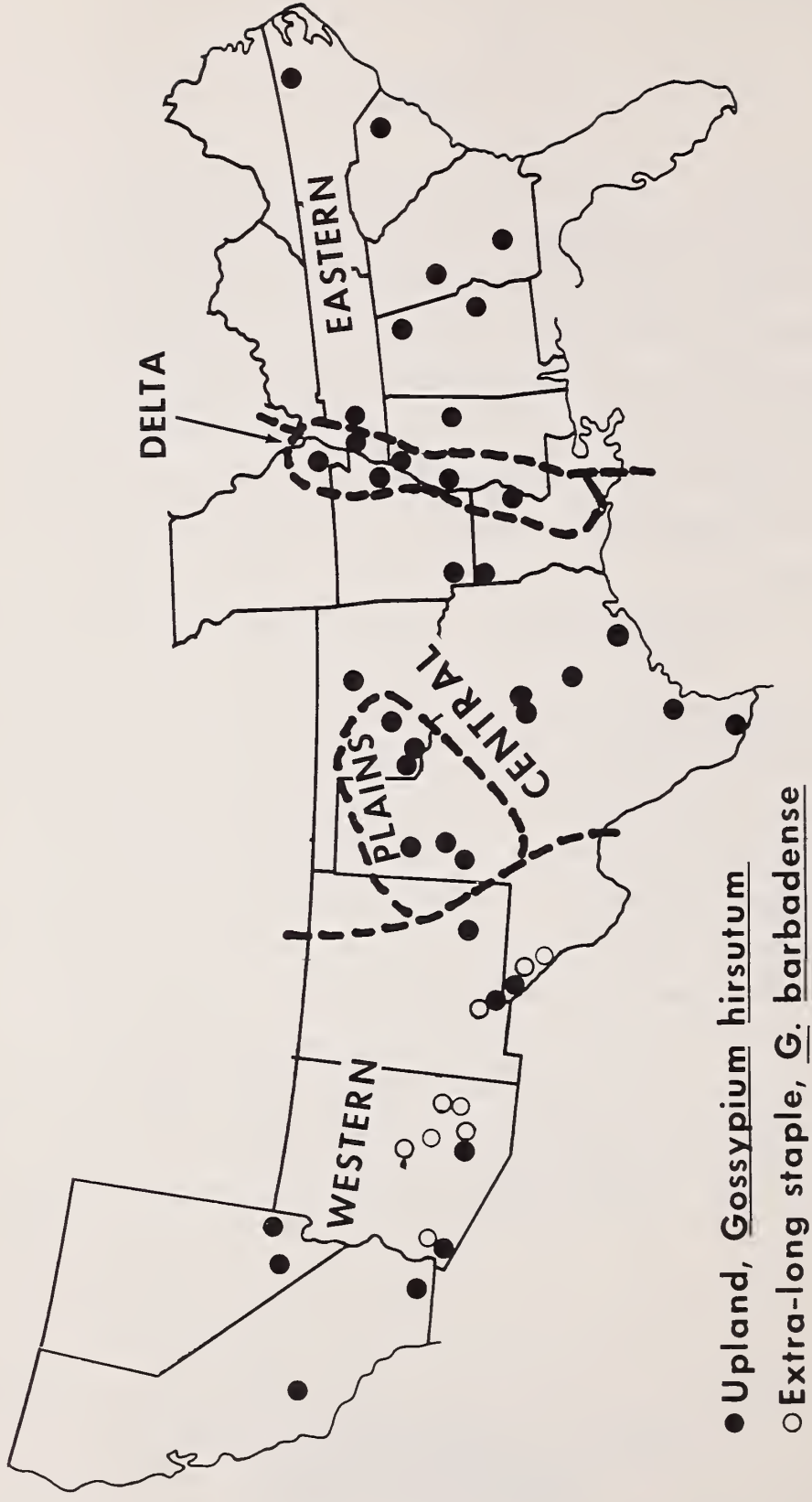
Agricultural Research Service  
 U. S. DEPARTMENT OF AGRICULTURE



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# REGIONAL COTTON VARIETY TESTING PROGRAMS



## RESULTS OF 1964 REGIONAL COTTON VARIETY TESTS<sup>1/</sup>

by Cooperating Agricultural Experiment Stations:

Alabama	Nevada
Arizona	New Mexico
Arkansas	North Carolina
California	Oklahoma
Georgia	South Carolina
Louisiana	Tennessee
Mississippi	Texas
Missouri	

The Regional Cotton Variety Testing program developed from considerations of the Joint Cotton Breeding Policy Committee and plans of the National Cotton Variety Testing Committee.<sup>2/</sup> It is made possible by the cooperative efforts of the 15 Agricultural Experiment Stations and the Agricultural Research Service, U.S. Department of Agriculture. Results for the first 3-year cycle of testing were reported in ARS 34-30, ARS 34-43, and ARS 34-60 for 1960, 1961, and 1962 respectively. A second cycle of testing was initiated with the 1963 report, ARS 34-68. The present report, ARS 34-81, the second year of the second cycle, covers the 1964 season.

For the second 3-year cycle, 1963-1965, Auburn 56, Deltapine Smooth Leaf and Stoneville 7A were chosen as national standards. Within each region, the cooperators annually select a group of regional standard varieties that will be common to all of the tests within the region for the particular year. Each station may enter optional varieties of local interest, but only data from the national and regional standards are included in this report.

All the varieties tested were grown to obtain experimental data and their selection as national or regional standards does not constitute endorsement by the U.S. Department of Agriculture or the cooperating State Agricultural Experiment Stations.

### REGIONS AND LOCATIONS

Five regional cotton variety tests have been run since 1960 to test upland cotton. There is one region for testing the extra-long staple Pima cottons. A new regional test to evaluate experimental strains having added strength or length has been organized in the southeast and mid-south and is reported for the first time.

The regions and participating stations during the 1964 season are listed; the map shows the geographical locations of the tests. Each season, unfavorable weather and other circumstances cause tests at certain locations to be lost. In 1964, no data were reported from upland tests at Spur, Tex.; Chillicothe, Tex.; Pecos, Tex.; and the Cotton Research Center, Tempe, Ariz.

Combed yarn tests were made at the Clemson Spinning Laboratory from four locations of the Extra-long Staple Regional Variety Test. Pima cottons are commonly spun into combed yarns. The fiber and spinning data obtained from these combed yarn tests are given in addition to the data obtained at Knoxville, reported for all the regional tests. The format used in reporting the combed yarn data is the same as that used in annual spinning test reports from 1954 to 1959. The cotton in the combed yarn tests was carded at 4.5 lb./hr., the comber setting was 0.48 inch, and the Twist Multiplier used was 3.60.

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<sup>1/</sup> Agronomic data and fiber samples were provided by Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, Missouri, Nevada, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas. Fiber and spinning data were determined by U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn. Data were analyzed and prepared for publication by C. F. Lewis and T. Kerr, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md.

<sup>2/</sup> Since the inception of the program, the membership of the committees has been changed. The committees as now constituted are listed on page 73.



### Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station,  
Pee Dee Experiment Station,  
Coastal Plain Experiment Station,  
Georgia Agricultural Experiment Station,  
Alabama Agricultural Experiment Station,  
Sand Mountain Substation,  
Mississippi Agricultural Experiment Station,  
West Tennessee Agricultural Experiment Station,

Rocky Mount, N.C.  
Florence, S.C.  
Tifton, Ga.  
Experiment, Ga.  
Auburn, Ala.  
Crossville, Ala.  
State College, Miss.  
Jackson, Tenn.

### Delta Regional Cotton Variety Test

Delta Branch Experiment Station,  
Outlying test,  
Northeast Louisiana Experiment Station,  
Arkansas-Delta Substation,  
Missouri-Delta Center,  
West Tennessee Experiment Station  
Lauderdale County,

Stoneville, Miss.  
Tunica, Miss.  
St. Joseph, La.  
Clarkedale, Ark.  
Portageville, Mo.  
  
Fort Pillow, Tenn.

### Central Regional Cotton Variety Test

Oklahoma Agricultural Experiment Station,  
Texas Agricultural Experiment Station,  
Texas Agricultural Experiment Station  
Substation No. 1, (Beeville, Tex.)  
Outlying test,  
Substation No. 3, (Angleton, Tex.)  
Outlying test,  
Substation No. 15,  
Substation No. 23,  
Southwest Branch Experiment Station,  
Red River Valley Experiment Station,

Stillwater, Okla.  
College Station, Tex.  
  
Nueces County, Tex.  
  
Sugarland, Tex.  
Weslaco, Tex.  
McGregor, Tex.  
Hope, Ark.  
Bossier City, La.

### Plains Regional Cotton Variety Test

Texas Agricultural Experiment Station  
Substation No. 8,  
Outlying test,  
Substation No. 23,  
High Plains Research Foundation,  
Irrigation Experiment Station,  
Sandy Land Research Station,  
Cotton Research Station,

Lubbock, Tex.  
Brownfield, Tex.  
McGregor, Tex.  
Halfway, Tex.  
Altus, Okla.  
Mangum, Okla.  
Chickasha, Okla.

### Western Regional Cotton Variety Test

U. S. Cotton Research Station,  
Southwestern Irrigation Field Station,  
Southern Nevada Field Station,  
Outlying test,  
University of Arizona  
Yuma Valley Station,  
Marana Experimental Farm,  
New Mexico Agricultural Experiment Station,  
Southeastern Substation,  
Texas Agricultural Experiment Station  
Substation No. 17, (Ysleta)

Shafter, Calif.  
Brawley, Calif.  
Logandale, Nev.  
Pahrump, Nev.  
  
Yuma, Ariz.  
Marana, Ariz.  
University Park, N. Mex.  
Artesia, N. Mex.  
  
El Paso, Tex.



## High Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station,  
Pee Dee Experiment Station,  
Coastal Plain Experiment Station,  
Georgia Agricultural Experiment Station, (2 tests)  
Tennessee Valley Substation,  
Northeast Louisiana Experiment Station,  
Delta Branch Experiment Station,  
Delta Center, Missouri Experiment Station,

Rocky Mount, N.C.  
Florence, S.C.  
Tifton, Ga.  
Experiment, Ga.  
Bella Mina, Ala.  
St. Joseph, La.  
Stoneville, Miss.  
Portageville, Mo.

## Extra-Long Staple Regional Cotton Variety Test

University of Arizona  
Yuma Valley Station,  
Cotton Research Center,  
Outlying tests, Wuertz Farm,  
Curtis Farm,  
Pace Farm,  
Marana Experiment Station,  
New Mexico Agricultural Experiment Station  
Outlying tests, Ginther Farm,  
Texas Agricultural Experiment Station  
Substation No. 17, (Ysleta)  
Outlying tests, Maros Farm,

Yuma, Ariz.  
Tempe Ariz.  
Coolidge, Ariz.  
Safford, Ariz.  
Safford, Ariz.  
Marana, Ariz.  
  
University Park, N. Mex.  
  
El Paso, Tex.  
Fabens, Tex.

## DESIGN AND ANALYSIS

Data for the Regional Cotton Variety Tests are drawn from selected locations involved in the variety testing programs of 15 State Agricultural Experiment Stations. For this reason, details of design, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

The operations and measurements required for the development of data on yield and such other agronomic characters as boll size and lint percentage were performed by personnel at the cooperating stations. Fiber samples were sent to the U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md., and analyzed with electronic computers by Biometrical Services of the ARS.

The number of replications for yield data ranged from four to eight, but a great majority of tests had six replications from each variety at all stations. Boll, seed, fiber, and spinning data were based on two replications from each variety at all stations. A randomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple range method at the 0.05 level of probability.

## EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Yield	The mean production of the plots harvested, expressed in pounds of lint per acre.
Boll Size	(a) Average weight, in grams, per boll of seed cotton.  (b) The number of bolls of seed cotton required to weigh 1 pound.

Lint %	The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.
Seed Index	The weight of 100 seed, in grams.
Span Length	Length measured on the digital fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen where the initial starting point of the scanning in the test is considered 100%.
50% Span Length	The length in inches in the test specimen spanned by 50% of the fibers scanned at the initial starting point.
2.5% Span Length	The length in inches on the test specimen spanned by 2.5% of the fibers scanned at the initial starting point. The 2.5% span length approximates classer's samples.
22's	The yarn strength of 22's (actually 27 tex) as determined from a small scale (50g.) test.
Ginned Lint (Length)	Length measured on the Servo Fibrograph from samples composed of random pinches taken directly out of the ginned lint.
UHM (Upper Half Mean)	The average length in inches of the longer half of the fibers by weight in the original fiber population where the initial scanning point is $\frac{1}{2}$ inch. Values for UHM approximate classer's sample, also 2.5% span length.
Mean	The average length in inches of all fibers longer than $\frac{1}{2}$ inch in the original population.
Micronaire	The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) Micronaire units.
Drawing Sliver (Length)	Length measured on the Servo Fibrograph from samples taken from the second drawing sliver. Definitions of UHM and Mean are given under "Ginned Lint (Length)".
T <sub>0</sub>	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams per tex.
T <sub>1</sub>	The fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8 inch spacer. Strength is expressed in terms of grams per tex.
E <sub>1</sub>	The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for T <sub>1</sub> strength on the Stelometer.

## Arealometer Measurements

A

"A" is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material.

D

Difference between the value of the specific area determined at high pressure ( $A_H$ ) and the value of the specific area determined at standard pressure (the "A" measured above). "D" is presumably a measure of the flatness of the fiber ribbon; i.e., the higher the "D" value, the more ribbonlike are the fibers.

## Letters Following Means

Means followed by the same letter cannot be considered significantly different at the 0.05 level of probability.

## TEST RESULTS

The test results are presented in a series of tables designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1964. No interpretation of these data, other than the indication of significant difference among means based on the analysis of variance, is presented in this publication.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each individual station.

In the regional summaries, each character is ranked separately in descending order and the significant difference among means is indicated. For easy examination, the mean performance of a variety for all measurements was retabulated into a single table for each region.

The mean performance of the stations, within each region, is also presented.

1964 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	•	•	•	•	•	•	•	•	•
	YIELD	BOLL	SIZE	NO	LINT	SEED	SPAN	LENGTH	22'S
	LBS. LINT	GRAMS	•	PER	PERCENT	INDEX	50	2.5	
	PER ACRE	PER BOLL	LB.					PERCENT	
AUBURN 56	995A	6.52	70	37.4	12.1	.50	1.08	103	
CAROLINA QUEEN	995A	6.38	71	39.7	11.1	.52	1.12	103	
AUBURN M	995A	6.91	66	38.3	12.7	.50	1.08	102	
STONEVILLE 213	986A	6.07	75	40.2	10.7	.51	1.08	102	
COKER 100A	962A	6.38	71	39.2	11.1	.52	1.14	104	
DIXIE KING II	958A	7.36	62	40.0	11.5	.50	1.08	104	
REX SMOOTHLEAF	943AB	7.15	63	38.1	12.9	.52	1.11	104	
DEKALB 108	942AB	6.79	67	38.0	11.6	.51	1.12	104	
STONEVILLE 7A	930AB	5.89	77	39.9	10.7	.51	1.10	106	
DELTAPINE S.L.	876 BC	5.63	81	39.4	10.0	.51	1.09	109	
EMPIRE WR-61	856 C	7.72	59	37.6	13.6	.50	1.11	105	

LOCATIONS COMBINING VARIETIES

LOCATION	•	•	•	•	•	•	•	•
	YIELD	BOLL	SIZE	LINT	SEED	SPAN	LENGTH	22'S
	LBS. LINT	GRAMS	NO	PERCENT	INDEX	50	2.5	
	PER ACRE	PER BOLL	PER LB.				PERCENT	
SAND MT. ALA.	1314	6.67	69	41.3	11.9	.49	1.10	100
JACKSON, TENN.	1208	7.07	65	36.6	12.2	.51	1.10	107
AUBURN, ALA.	1011	6.47	71	38.0	11.9	.53	1.15	104
FLORENCE S. C.	960	6.33	72	40.0	10.3	.51	1.09	108
ROCKY MT. N. C.	922	6.66	69	41.0	11.7	.51	1.08	100
EXPERIMENT, GA.	905	6.69	69	38.2	10.9	.49	1.09	99
TIFTON, GA.	717	6.44	71	37.6	11.4	.51	1.09	103
ST. COL., MISS.	553	6.62	69	38.4	12.6	.51	1.08	112

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
EMPIRE WR-61	7.72	A	DELTAPINE S.L.	81	A	STONEVILLE 213	40.2	A
DIXIE KING II	7.36	B	STONEVILLE 7A	77	B	DIXIE KING II	40.0	AB
REX SMOOTHLEAF	7.15	C	STONEVILLE 213	75	B	STONEVILLE 7A	39.9	AB
AUBURN M	6.91	D	COKER 100A	71	C	CAROLINA QUEEN	39.7	ABC
DEKALB 108	6.79	D	CAROLINA QUEEN	71	C	DELTAPINE S.L.	39.4	BC
AUBURN 56	6.52	E	AUBURN 56	70	C	COKER 100A	39.2	C
COKER 100A	6.38	E	DEKALB 108	67	D	AUBURN M	38.3	D
CAROLINA QUEEN	6.38	E	AUBURN M	66	D	REX SMOOTHLEAF	38.1	DE
STONEVILLE 213	6.07	F	REX SMOOTHLEAF	63	E	DEKALB 108	38.0	DEF
STONEVILLE 7A	5.89	F	DIXIE KING II	62	E	EMPIRE WR-61	37.6	EF
DELTAPINE S.L.	5.63	G	EMPIRE WR-61	59	F	AUBURN 56	37.4	F



1964 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM . MEAN	MICRO- NAIRE	DRAWING SLIVER UHM . MEAN	TO	T1	E1	A	D
AUBURN 56	1.08 .91	4.21	1.13 .94	3.26	1.64	9.9	475	44
CAROLINA QUEEN	1.13 .95	4.36	1.17 .98	3.41	1.72	8.3	449	36
AUBURN M	1.08 .92	4.14	1.14 .96	3.30	1.64	9.6	478	43
STONEVILLE 213	1.09 .92	4.56	1.14 .96	3.36	1.71	9.9	453	36
COKER 100A	1.14 .96	4.26	1.18 .98	3.35	1.70	8.8	475	40
DIXIE KING II	1.08 .91	4.20	1.14 .95	3.49	1.71	8.1	477	39
REX SMOOTHLEAF	1.11 .94	4.02	1.16 .97	3.37	1.68	9.0	484	42
DEKALB 108	1.11 .93	4.13	1.16 .95	3.37	1.72	8.9	482	44
STONEVILLE 7A	1.11 .93	4.51	1.16 .96	3.50	1.69	8.5	455	34
DELTAPINE S.L.	1.10 .93	4.20	1.15 .97	3.38	1.78	10.7	479	38
EMPIRE WR-61	1.11 .93	3.87	1.18 .98	3.51	1.74	8.0	496	48

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM . MEAN	MICRO- NAIRE	DRAWING SLIVER UHM . MEAN	TO	T1	E1	A	D
SAND MT. ALA.	1.10 .90	4.31	1.12 .87	3.36	1.67	9.7	460	41
JACKSON, TENN.	1.12 .95	4.44	1.16 .99	3.52	1.72	8.5	464	37
AUBURN, ALA.	1.16 .98	4.01	1.21 1.02	3.23	1.71	10.1	486	45
FLORENCE S. C.	1.10 .94	4.05	1.16 .97	3.31	1.72	9.5	490	44
ROCKY MT. N. C.	1.08 .91	4.69	1.15 .98	3.25	1.66	9.2	448	31
EXPERIMENT, GA.	1.09 .90	3.77	1.15 .96	3.21	1.63	9.1	501	49
TIFTON, GA.	1.10 .93	3.95	1.17 1.00	3.33	1.70	9.0	493	43
ST. COL., MISS.	1.09 .92	4.57	1.12 .92	3.91	1.83	7.4	441	33

SEED INDEX			SPAN LENGTH, 50 PERCENT			SPAN LENGTH, 2.5 PERCENT		
EMPIRE WR-61	13.6	A	COKER 100A	.52	A	COKER 100A	1.14	A
REX SMOOTHLEAF	12.9	B	CAROLINA QUEEN	.52	A	CAROLINA QUEEN	1.12	B
AUBURN M	12.7	B	REX SMOOTHLEAF	.52	A	DEKALB 108	1.12	B
AUBURN 56	12.1	C	DELTAPINE S.L.	.51	AB	EMPIRE WR-61	1.11	BC
DEKALB 108	11.6	D	STONEVILLE 7A	.51	AB	REX SMOOTHLEAF	1.11	BC
DIXIE KING II	11.5	D	STONEVILLE 213	.51	AB	STONEVILLE 7A	1.10	CD
COKER 100A	11.1	E	DEKALB 108	.51	AB	DELTAPINE S.L.	1.09	DE
CAROLINA QUEEN	11.1	E	AUBURN 56	.50	B	AUBURN 56	1.08	E
STONEVILLE 7A	10.7	E	DIXIE KING II	.50	B	DIXIE KING II	1.08	E
STONEVILLE 213	10.7	E	EMPIRE WR-61	.50	B	AUBURN M	1.08	E
DELTAPINE S.L.	10.0	F	AUBURN M	.50	B	STONEVILLE 213	1.08	E

1964 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

22'S		
DELTAPINE S.L.	109	A
STONEVILLE 7A	106	AB
EMPIRE WR-61	105	AB
COKER 100A	104	B
DIXIE KING II	104	B
REX SMOOTHLEAF	104	B
DEKALB 108	104	B
AUBURN 56	103	B
CAROLINA QUEEN	103	B
AUBURN M	102	B
STONEVILLE 213	102	B

GINNED LINT, UHM		
COKER 100A	1.14	A
CAROLINA QUEEN	1.13	A
EMPIRE WR-61	1.11	B
STONEVILLE 7A	1.11	B
REX SMOOTHLEAF	1.11	B
DEKALB 108	1.11	B
DELTAPINE S.L.	1.10	BC
STONEVILLE 213	1.09	CD
AUBURN 56	1.08	D
DIXIE KING II	1.08	D
AUBURN M	1.08	D

GINNED LINT, MEAN		
COKER 100A	.96	A
CAROLINA QUEEN	.95	AB
REX SMOOTHLEAF	.94	ABC
DELTAPINE S.L.	.93	BCD
EMPIRE WR-61	.93	BCD
STONEVILLE 7A	.93	BCD
DEKALB 108	.93	BCD
AUBURN M	.92	CD
STONEVILLE 213	.92	CD
AUBURN 56	.91	D
DIXIE KING II	.91	D

MICRONAIRE		
STONEVILLE 213	4.56	A
STONEVILLE 7A	4.51	AB
CAROLINA QUEEN	4.36	BC
COKER 100A	4.26	CD
AUBURN 56	4.21	CDE
DELTAPINE S.L.	4.20	CDE
DIXIE KING II	4.20	CDE
AUBURN M	4.14	DE
DEKALB 108	4.13	DE
REX SMOOTHLEAF	4.02	EF
EMPIRE WR-61	3.87	F

DRAWING SLIVER, UHM		
COKER 100A	1.18	A
EMPIRE WR-61	1.18	A
CAROLINA QUEEN	1.17	AB
STONEVILLE 7A	1.16	ABC
REX SMOOTHLEAF	1.16	ABC
DEKALB 108	1.16	ABC
DELTAPINE S.L.	1.15	BCD
DIXIE KING II	1.14	CD
AUBURN M	1.14	CD
STONEVILLE 213	1.14	CD
AUBURN 56	1.13	D

DRAWING SLIVER, MEAN		
COKER 100A	.98	A
EMPIRE WR-61	.98	A
CAROLINA QUEEN	.98	A
DELTAPINE S.L.	.97	AB
REX SMOOTHLEAF	.97	AB
STONEVILLE 7A	.96	AB
AUBURN M	.96	AB
STONEVILLE 213	.96	AB
DIXIE KING II	.95	AB
DEKALB 108	.95	AB
AUBURN 56	.94	B



1964 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

T0

EMPIRE WR-61	3.51	A
STONEVILLE 7A	3.50	A
DIXIE KING II	3.49	A
CAROLINA QUEEN	3.41	B
DELTAPINE S.L.	3.38	B
REX SMOOTHLEAF	3.37	BC
DEKALB 108	3.37	BC
STONEVILLE 213	3.36	BC
COKER 100A	3.35	BC
AUBURN M	3.30	CD
AUBURN 56	3.26	D

T1

DELTAPINE S.L.	1.78	A
EMPIRE WR-61	1.74	AB
CAROLINA QUEEN	1.72	ABC
DEKALB 108	1.72	ABC
DIXIE KING II	1.71	ABC
STONEVILLE 213	1.71	ABC
COKER 100A	1.70	ABC
STONEVILLE 7A	1.69	BC
REX SMOOTHLEAF	1.68	BC
AUBURN 56	1.64	C
AUBURN M	1.64	C

E1

DELTAPINE S.L.	10.7	A
AUBURN 56	9.9	B
STONEVILLE 213	9.9	B
AUBURN M	9.6	B
REX SMOOTHLEAF	9.0	C
DEKALB 108	8.9	CD
COKER 100A	8.8	CD
STONEVILLE 7A	8.5	CDE
CAROLINA QUEEN	8.3	DE
DIXIE KING II	8.1	E
EMPIRE WR-61	8.0	E

A

EMPIRE WR-61	496	A
REX SMOOTHLEAF	484	AB
DEKALB 108	482	AB
DELTAPINE S.L.	479	AB
AUBURN M	478	AB
DIXIE KING II	477	AB
AUBURN 56	475	B
COKER 100A	475	B
STONEVILLE 7A	455	C
STONEVILLE 213	453	C
CAROLINA QUEEN	449	C

D

EMPIRE WR-61	48	A
AUBURN 56	44	AB
DEKALB 108	44	AB
AUBURN M	43	ABC
REX SMOOTHLEAF	42	BC
COKER 100A	40	BCD
DIXIE KING II	39	BCDE
DELTAPINE S.L.	38	CDE
CAROLINA QUEEN	36	DE
STONEVILLE 213	36	DE
STONEVILLE 7A	34	E

## 1964 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	NO	LINT	SEED	SPAN LENGTH	22'S	
	LBS•LINT	GRAMS	PER	PER	INDEX	50	2.5	
	PER ACRE	BOLL	LB.	PERCENT		PERCENT		

JACKSON, TENNESSEE

DIXIE KING II	1293A	7.91	58	38.1	12.2	.51	1.10	105
STONEVILLE 7A	1283AB	6.43	71	37.8	11.4	.52	1.10	103
AUBURN M	1282AB	7.28	63	35.9	13.4	.52	1.07	104
AUBURN 56	1275AB	6.92	66	36.1	12.6	.50	1.05	108
STONEVILLE 213	1268AB	6.55	69	36.8	11.4	.53	1.11	108
REX SMOOTHLEAF	1267AB	7.71	59	36.1	13.5	.52	1.10	105
COKER 100A	1207AB	6.79	67	37.3	11.8	.52	1.13	112
DEKALB 108	1174 BC	7.06	64	35.9	12.2	.51	1.12	107
CAROLINA QUEEN	1099 CD	6.82	67	36.4	12.0	.51	1.12	103
EMPIRE WR-61	1083 CD	8.24	55	35.1	13.8	.54	1.12	109
DELTAPINE S.L.	1059 D	6.12	74	37.4	10.6	.51	1.09	114

STATE COLLEGE, MISSISSIPPI

STONEVILLE 213	697A	6.50	70	40.8	12.0	.52	1.07	111
STONEVILLE 7A	602 B	5.85	78	40.2	12.0	.53	1.09	121
AUBURN 56	592 B	6.44	71	36.3	13.0	.53	1.09	113
DELTAPINE S.L.	575 BC	5.75	79	39.4	11.0	.53	1.10	117
AUBURN M	571 BCD	6.65	69	37.7	13.0	.52	1.08	114
REX SMOOTHLEAF	560 BCD	7.10	64	37.3	13.5	.51	1.08	105
CAROLINA QUEEN	543 BCD	6.50	70	38.9	12.5	.53	1.11	114
EMPIRE WR-61	537 BCD	7.80	58	37.8	14.5	.48	1.06	109
COKER 100A	487 CDE	6.40	71	38.2	12.5	.53	1.13	109
DEKALB 108	476 DE	6.40	71	36.4	12.5	.49	1.09	110
DIXIE KING II	441 E	7.45	61	39.3	12.5	.49	1.06	110

SAND MOUNTAIN, ALABAMA

STONEVILLE 213	1446A	6.10	75	42.8	11.2	.50	1.10	96
STONEVILLE 7A	1390AB	6.08	75	42.2	11.7	.48	1.12	97
CAROLINA QUEEN	1387AB	6.40	71	41.8	11.2	.50	1.14	104
DIXIE KING II	1366AB	7.28	63	43.0	11.2	.48	1.07	102
DEKALB 108	1359AB	7.08	65	40.7	11.8	.49	1.13	101
AUBURN M	1315 BC	6.94	66	40.5	12.7	.49	1.08	93
COKER 100A	1305 BC	6.56	70	41.9	11.4	.49	1.13	97
DELTAPINE S.L.	1269 BCD	5.31	87	41.9	10.0	.49	1.10	101
AUBURN 56	1229 CD	6.22	73	39.4	12.1	.49	1.08	105
REX SMOOTHLEAF	1216 CD	7.42	61	40.1	13.6	.50	1.11	105
EMPIRE WR-61	1170 D	7.98	57	39.8	14.1	.47	1.10	102

AUBURN, ALABAMA

CAROLINA QUEEN	1125A	6.17	74	39.7	11.2	.57	1.18	101
DEKALB 108	1104AB	6.74	68	38.1	11.9	.54	1.17	105
DIXIE KING II	1091ABC	7.39	62	38.7	12.0	.55	1.15	104
AUBURN 56	1053ABCD	6.51	70	36.6	12.3	.49	1.08	104
AUBURN M	1041ABCD	6.85	67	37.1	13.0	.53	1.14	103
STONEVILLE 213	1014 BCD	5.90	77	39.3	10.8	.54	1.13	99
COKER 100A	994 CD	6.28	72	38.3	11.6	.56	1.22	101
REX SMOOTHLEAF	982 DE	7.10	64	36.5	13.7	.57	1.19	106
STONEVILLE 7A	955 DEF	5.70	80	39.5	10.9	.54	1.15	105
DELTAPINE S.L.	887 EF	5.22	87	37.4	10.0	.50	1.13	115
EMPIRE WR-61	871 F	7.30	63	36.7	13.9	.51	1.15	107

## 1964 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	GINNED LINT	•	•	DRAWING	•	•	•	•	•	•	•
	•	UHM • MEAN	•	•	MICRO-SLIVER	•	•	•	•	•	•	•
	•		•	•	NAIRE • UHM • MEAN	•	•	•	•	•	•	•
	•		•	•		•	•	•	•	•	•	•

JACKSON, TENNESSEE

DIXIE KING II	1.11	.96	4.42	1.15	.97	36.1	17.6	7.7	466	29
STONEVILLE 7A	1.13	.97	4.84	1.17	.99	36.7	17.2	7.8	442	30
AUBURN M	1.10	.94	4.47	1.15	1.00	33.6	16.6	9.1	466	38
AUBURN 56	1.07	.91	4.52	1.11	.95	34.5	15.7	9.4	458	43
STONEVILLE 213	1.11	.93	4.69	1.16	1.00	35.0	17.1	8.9	445	30
REX SMOOTHLEAF	1.13	.95	4.17	1.18	1.00	35.2	16.7	8.4	476	48
COKE 100A	1.15	.97	4.47	1.19	1.00	35.7	17.6	8.4	462	33
DEKALB 108	1.11	.95	4.28	1.14	.97	34.5	18.0	8.3	475	39
CAROLINA QUEEN	1.16	.98	4.43	1.18	1.02	34.0	17.6	8.0	461	36
EMPIRE WR-61	1.12	.94	3.94	1.17	1.02	37.2	17.8	7.7	488	54
DELTAPINE S.L.	1.13	.96	4.59	1.17	1.00	35.1	18.1	10.1	464	27

STATE COLLEGE, MISSISSIPPI

STONEVILLE 213	1.10	.95	5.19	1.14	.95	38.8	18.2	7.8	404	29
STONEVILLE 7A	1.12	.95	5.28	1.16	.97	40.6	14.9	6.1	401	26
AUBURN 56	1.09	.92	4.23	1.10	.91	38.0	17.9	8.3	468	31
DELTAPINE S.L.	1.11	.96	4.79	1.13	.95	38.9	19.8	8.9	433	30
AUBURN M	1.07	.92	4.27	1.10	.89	38.4	18.5	8.1	466	38
REX SMOOTHLEAF	1.09	.92	4.29	1.13	.95	37.5	18.3	7.2	453	35
CAROLINA QUEEN	1.12	.95	4.82	1.13	.93	39.2	19.0	7.1	434	25
EMPIRE WR-61	1.05	.88	4.14	1.09	.86	40.6	18.7	6.4	459	40
COKE 100A	1.11	.95	4.58	1.14	.93	38.9	19.1	7.2	424	36
DEKALB 108	1.10	.91	4.27	1.11	.89	39.2	19.0	7.5	455	36
DIXIE KING II	1.06	.88	4.39	1.09	.90	40.0	18.4	6.8	452	34

SAND MOUNTAIN, ALABAMA

STONEVILLE 213	1.10	.90	4.65	1.12	.89	33.0	16.6	10.6	433	32
STONEVILLE 7A	1.13	.92	4.72	1.14	.88	34.0	16.6	9.0	432	24
CAROLINA QUEEN	1.12	.91	4.38	1.15	.89	34.0	17.4	8.6	454	45
DIXIE KING II	1.08	.88	4.09	1.10	.85	34.4	16.2	8.9	464	52
DEKALB 108	1.11	.91	4.12	1.10	.83	33.8	16.3	9.5	477	46
AUBURN M	1.08	.90	4.32	1.12	.89	33.4	16.7	9.8	460	41
COKE 100A	1.13	.93	4.52	1.15	.90	33.2	16.9	9.6	451	44
DELTAPINE S.L.	1.08	.89	4.07	1.12	.87	33.4	17.9	11.8	476	40
AUBURN 56	1.09	.91	4.30	1.13	.89	32.8	16.3	10.3	464	43
REX SMOOTHLEAF	1.10	.92	4.22	1.13	.86	33.8	15.9	9.8	470	39
EMPIRE WR-61	1.09	.88	4.09	1.14	.86	34.6	16.6	8.8	479	52

AUBURN, ALABAMA

CAROLINA QUEEN	1.19	1.00	4.34	1.23	1.00	33.3	16.8	9.2	465	44
DEKALB 108	1.17	.99	4.04	1.22	.99	33.0	17.1	9.8	480	54
DIXIE KING II	1.14	.97	4.07	1.21	1.06	33.2	17.3	9.4	489	40
AUBURN 56	1.13	.94	4.14	1.17	.99	30.9	17.1	11.3	487	49
AUBURN M	1.13	.96	3.77	1.19	1.02	31.3	13.8	10.9	503	45
STONEVILLE 213	1.15	.99	4.13	1.20	1.01	31.1	17.2	10.5	472	42
COKE 100A	1.22	1.03	4.09	1.22	.98	31.4	16.8	9.9	468	40
REX SMOOTHLEAF	1.18	1.01	3.90	1.24	1.03	32.6	17.2	9.9	489	44
STONEVILLE 7A	1.15	.97	4.23	1.20	1.00	32.6	18.0	9.4	477	38
DELTAPINE S.L.	1.14	.96	3.69	1.23	1.07	32.8	18.8	11.9	518	49
EMPIRE WR-61	1.17	.97	3.69	1.24	1.06	33.6	17.7	9.2	507	57

## 1964 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	• YIELD	• BOLL SIZE	•	•	•	•	•	•
	• LBS. LINT	• GRAMS • NO	• LINT	• SEED	• SPAN LENGTH	•	• 22'S	
	• PER ACRE	• PER • PER	• PERCENT	• INDEX	• 50 • 2.5	•		

EXPERIMENT, GEORGIA

CAROLINA QUEEN	960A	6.29	72	39.1	10.1	.50	1.11	97
REX SMOOTHLEAF	949AB	7.17	63	38.3	11.8	.49	1.10	97
COKER 100A	944ABC	6.44	71	38.9	10.0	.50	1.14	93
AUBURN M	921ABCD	6.66	68	38.0	11.5	.48	1.07	101
AUBURN 56	901ABCD	6.52	70	36.6	11.6	.51	1.08	97
STONEVILLE 213	893 BCD	5.89	78	39.0	9.8	.46	1.06	96
DIXIE KING II	892 BCD	7.87	58	38.5	11.9	.48	1.07	101
DEKALB 108	885 CD	7.08	64	37.3	11.3	.50	1.08	98
DELTAPINE S.L.	874 D	5.97	76	39.6	10.6	.50	1.09	97
STONEVILLE 7A	872 D	5.67	80	37.8	9.0	.50	1.10	115
EMPIRE WR-61	862 D	8.03	57	37.2	12.7	.50	1.15	101

TIFTON, GEORGIA

AUBURN 56	826A	6.36	72	36.0	12.2	.49	1.07	99
AUBURN M	796A	6.81	67	37.2	12.9	.51	1.08	98
CAROLINA QUEEN	795A	6.30	72	38.6	10.7	.52	1.12	103
DIXIE KING II	762AB	7.09	64	39.4	11.1	.50	1.07	106
COKER 100A	759AB	6.19	74	37.5	11.0	.53	1.12	102
DEKALB 108	744AB	6.57	69	37.2	11.2	.53	1.13	105
DELTAPINE S.L.	696 BC	5.57	82	37.8	9.6	.53	1.09	112
REX SMOOTHLEAF	683 BCD	7.01	65	37.2	13.0	.53	1.11	107
STONEVILLE 213	647 CDE	5.80	78	39.4	10.2	.53	1.06	100
EMPIRE WR-61	596 DE	7.46	61	35.0	13.5	.51	1.11	103
STONEVILLE 7A	588 E	5.68	80	39.2	10.1	.50	1.06	102

FLORENCE, SOUTH CAROLINA

CAROLINA QUEEN	1069A	6.06	75	41.2	9.9	.50	1.10	103
AUBURN 56	1060A	6.68	68	38.0	10.9	.51	1.08	104
AUBURN M	1044A	7.01	65	39.4	12.0	.51	1.10	104
COKER 100A	1039A	6.08	75	40.6	9.2	.51	1.11	114
REX SMOOTHLEAF	988AB	6.50	70	38.8	11.0	.50	1.09	111
DIXIE KING II	979AB	6.44	71	41.7	9.8	.49	1.05	106
STONEVILLE 213	934 BC	5.72	80	41.7	9.3	.50	1.06	112
EMPIRE WR-61	903 BCD	7.29	63	38.8	12.2	.51	1.11	108
DEKALB 108	879 CD	6.66	68	38.1	10.8	.54	1.13	107
STONEVILLE 7A	842 CD	5.68	80	41.0	9.6	.51	1.07	104
DELTAPINE S.L.	823 D	5.54	82	40.8	8.7	.50	1.08	114

ROCKY MOUNT, NORTH CAROLINA

AUBURN 56	1020A	6.50	70	40.1	12.0	.51	1.09	95
AUBURN M	986AB	7.05	65	40.6	12.9	.48	1.04	99
STONEVILLE 213	986AB	6.09	75	41.8	10.9	.51	1.07	99
CAROLINA QUEEN	983AB	6.52	70	42.3	11.3	.51	1.08	99
COKER 100A	959AB	6.33	72	41.4	11.0	.52	1.13	103
DEKALB 108	916 BC	6.72	68	40.2	11.7	.51	1.09	104
STONEVILLE 7A	906 BC	6.08	75	41.3	11.2	.53	1.11	102
REX SMOOTHLEAF	895 BC	7.23	63	40.4	13.2	.53	1.11	99
DIXIE KING II	838 C	7.47	61	41.7	11.6	.48	1.05	104
EMPIRE WR-61	829 C	7.71	59	40.3	13.9	.50	1.09	100
DELTAPINE S.L.	821 C	5.58	81	41.3	9.8	.52	1.08	102



## 1964 EASTERN REGIONAL COTTON VARIETY TEST

	.	.	.	.	.	.	.	.	.	.	.
	.	GINNED LINT	.	MICRO-	DRAWING	.	TO	T1	E1	A	D
VARIETY	.	UHM . MEAN	.	NAIRE	UHM . MEAN	.	.	.	.	.	.
	.	.	.	.	.	.	.	.	.	.	.

EXPERIMENT, GEORGIA

CAROLINA QUEEN	1.09	.88	3.69	1.15	.95	31.8	16.0	8.9	381	39
REX SMOOTHLEAF	1.09	.88	3.49	1.13	.94	31.2	15.7	9.2	517	47
COKER 100A	1.13	.93	3.97	1.18	.99	31.2	15.9	8.7	520	54
AUBURN M	1.06	.88	3.79	1.14	.96	31.8	16.3	10.0	519	59
AUBURN 56	1.06	.87	3.71	1.09	.90	31.2	16.1	9.7	500	50
STONEVILLE 213	1.08	.91	4.02	1.14	.94	33.5	16.9	9.8	494	48
DIXIE KING II	1.08	.90	4.04	1.15	.96	31.6	16.2	8.2	504	45
DEKALB 108	1.10	.93	3.94	1.19	1.00	32.1	16.1	9.4	530	52
DELTAPINE S.L.	1.10	.94	4.18	1.16	.96	33.3	16.3	8.2	482	41
STONEVILLE 7A	1.09	.88	3.32	1.15	.93	32.6	17.5	10.1	527	52
EMPIRE WR-61	1.13	.91	3.37	1.20	.99	32.5	16.4	8.0	543	59

TIFTON, GEORGIA

AUBURN 56	1.08	.91	4.14	1.16	1.00	31.9	16.6	9.7	498	49
AUBURN M	1.07	.91	3.87	1.14	.97	32.4	16.8	9.4	486	50
CAROLINA QUEEN	1.13	.97	4.19	1.18	1.01	33.3	16.8	8.5	482	37
DIXIE KING II	1.10	.94	3.94	1.16	.98	34.1	16.6	8.3	495	42
COKER 100A	1.13	.95	3.88	1.21	1.04	32.3	16.5	9.3	515	41
DEKALB 108	1.11	.93	3.97	1.18	1.02	33.0	17.3	8.7	485	45
DELTAPINE S.L.	1.09	.94	3.80	1.17	1.02	32.8	17.2	11.7	502	43
REX SMOOTHLEAF	1.11	.96	3.64	1.19	1.01	34.0	18.0	8.5	508	41
STONEVILLE 213	1.05	.90	4.32	1.11	.93	32.8	16.3	9.6	467	42
EMPIRE WR-61	1.12	.93	3.39	1.20	1.01	34.9	17.7	7.7	529	52
STONEVILLE 7A	1.10	.94	4.34	1.17	1.01	35.0	17.0	8.5	462	36

FLORENCE, SOUTH CAROLINA

CAROLINA QUEEN	1.14	.98	4.09	1.19	1.01	33.9	17.4	8.3	479	38
AUBURN 56	1.09	.92	4.04	1.16	.99	30.3	16.0	10.8	481	45
AUBURN M	1.11	.95	4.17	1.16	.98	32.0	16.5	10.4	477	46
COKER 100A	1.15	.98	3.89	1.19	.99	32.9	16.6	9.1	505	43
REX SMOOTHLEAF	1.11	.94	3.99	1.17	.96	33.0	17.0	9.9	505	51
DIXIE KING II	1.05	.90	3.98	1.13	.94	35.8	18.4	7.9	494	45
STONEVILLE 213	1.06	.92	4.44	1.15	.98	33.1	17.7	9.9	481	44
EMPIRE WR-61	1.14	.98	3.80	1.20	1.02	34.3	17.7	8.6	495	42
DEKALB 108	1.12	.92	3.93	1.16	.96	31.8	17.3	9.0	509	52
STONEVILLE 7A	1.07	.93	4.33	1.14	.95	35.2	17.4	8.8	472	38
DELTAPINE S.L.	1.08	.92	3.94	1.14	.96	32.3	17.0	11.7	493	39

ROCKY MOUNT, NORTH CAROLINA

AUBURN 56	1.07	.92	4.64	1.12	.93	31.4	16.0	9.9	450	42
AUBURN M	1.05	.90	4.50	1.12	.96	31.2	16.1	9.2	451	30
STONEVILLE 213	1.07	.91	5.05	1.13	.98	31.8	17.0	12.0	427	24
CAROLINA QUEEN	1.11	.95	4.93	1.19	1.04	33.7	16.9	8.1	434	28
COKER 100A	1.11	.93	4.68	1.18	1.00	32.5	16.5	8.5	453	35
DEKALB 108	1.07	.90	4.52	1.15	.98	32.5	16.6	9.1	447	31
STONEVILLE 7A	1.10	.92	5.00	1.17	.99	33.4	16.8	8.5	430	26
REX SMOOTHLEAF	1.09	.92	4.48	1.17	1.00	32.5	16.1	9.3	455	30
DIXIE KING II	1.04	.88	4.70	1.11	.97	34.2	16.6	7.6	450	30
EMPIRE WR-61	1.11	.93	4.56	1.19	1.02	33.1	17.2	7.7	467	31
DELTAPINE S.L.	1.08	.91	4.53	1.13	.95	31.8	17.2	11.7	465	35

1964 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB.	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S
STONEVILLE 213	1110A	6.09 75	39.4	11.2	.52 1.09	110
STONEVILLE 7A	1084AB	5.99 76	38.8	11.5	.53 1.12	112
DELTAPINE 45	1074AB	6.10 75	38.5	11.8	.54 1.11	116
DIXIE KING II	1067AB	7.60 60	38.1	12.9	.52 1.09	115
AUBURN 56	1049AB	6.75 68	35.9	12.7	.52 1.10	112
DELTAPINE S.L.	1016ABC	6.01 76	39.2	10.7	.53 1.12	118
CAROLINA QUEEN	1006ABC	6.82 67	37.9	12.3	.54 1.14	115
AUBURN M	977 BC	6.71 68	36.4	13.6	.51 1.09	113
STARDEL	976 BC	5.92 77	38.9	11.8	.51 1.10	118
COKER 100A	928 C	6.51 70	36.4	12.1	.54 1.16	115
REX SMOOTHLEAF	928 C	7.05 64	36.2	13.7	.52 1.11	111
EMPIRE WR-61	905 C	8.01 57	36.1	15.1	.51 1.11	113

LOCATIONS COMBINING VARIETIES

LOCATION	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB.	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S
TUNICA, MISS.	1257	6.58 70	38.3	12.2	.51 1.10	115
STO'VILLE, MISS.	1163	6.76 68	37.2	12.1	.53 1.09	118
ST. JOSEPH, LA.	1140	6.73 68	38.0	12.2	.54 1.13	115
CL'DALE, ARK.	852	6.34 72	40.1	11.7	.51 1.07	115
PORT'VILLE, MO.	846	6.23 74	36.6	13.0	.55 1.14	110
FT. PILL., TENN.	802	7.12 64	35.8	13.5	.52 1.14	111

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
EMPIRE WR-61	8.01	A	STARDEL	77	A	STONEVILLE 213	39.4	A
DIXIE KING II	7.60	B	DELTAPINE S.L.	76	A	DELTAPINE S.L.	39.2	A
REX SMOOTHLEAF	7.05	C	STONEVILLE 7A	76	A	STARDEL	38.9	AB
CAROLINA QUEEN	6.82	CD	STONEVILLE 213	75	A	STONEVILLE 7A	38.8	ABC
AUBURN 56	6.75	CD	DELTAPINE 45	75	A	DELTAPINE 45	38.5	ABC
AUBURN M	6.71	CD	COKER 100A	70	B	DIXIE KING II	38.1	BC
COKER 100A	6.51	D	AUBURN 56	68	B	CAROLINA QUEEN	37.9	C
DELTAPINE 45	6.10	E	AUBURN M	68	B	COKER 100A	36.4	D
STONEVILLE 213	6.09	E	CAROLINA QUEEN	67	BC	AUBURN M	36.4	D
DELTAPINE S.L.	6.01	E	REX SMOOTHLEAF	64	C	REX SMOOTHLEAF	36.2	D
STONEVILLE 7A	5.99	E	DIXIE KING II	60	D	EMPIRE WR-61	36.1	D
STARDEL	5.92	E	EMPIRE WR-61	57	D	AUBURN 56	35.9	D



1964 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
	.	.	.	.	.	.	.	.	.	.
STONEVILLE 213	1.11	.95	5.19	1.16	.97	3.63	1.83	7.9	415	23
STONEVILLE 7A	1.14	.96	5.00	1.18	.98	3.76	1.81	7.3	422	23
DELTAPINE 45	1.12	.98	5.03	1.18	1.01	3.66	1.94	8.5	427	23
DIXIE KING II	1.10	.92	4.66	1.15	.95	3.81	1.85	7.1	439	24
AUBURN 56	1.11	.95	4.76	1.15	.96	3.56	1.84	8.4	442	28
DELTAPINE S.L.	1.13	.96	4.87	1.17	.98	3.64	1.92	9.3	433	26
CAROLINA QUEEN	1.16	.99	4.98	1.20	1.00	3.82	1.90	7.6	431	26
AUBURN M	1.10	.95	4.54	1.15	.97	3.68	1.88	7.9	455	33
STARDEL	1.12	.95	4.85	1.15	.94	4.19	1.99	6.9	428	25
COKER 100A	1.16	.98	4.73	1.21	1.00	3.71	1.89	7.6	435	30
REX SMOOTHLEAF	1.12	.95	4.44	1.16	.96	3.63	1.80	8.3	456	32
EMPIRE WR-61	1.11	.93	4.27	1.16	.96	3.83	1.81	7.3	468	34

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
	.	.	.	.	.	.	.	.	.	.
TUNICA, MISS.	1.11	.94	4.91	1.18	.99	3.95	1.95	6.7	430	24
STO'VILLE, MISS.	1.11	.95	5.04	1.15	.97	3.90	1.93	7.8	416	21
ST. JOSEPH, LA.	1.18	1.00	4.81	1.17	.95	3.61	1.83	7.8	438	27
CL'DALE, ARK.	1.08	.93	4.89	1.14	.96	3.98	1.92	7.6	423	24
PORT'VILLE, MO.	1.11	.94	4.70	1.16	.95	3.52	1.83	8.6	446	30
FT. PILL., TENN.	1.14	.96	4.30	1.20	1.00	3.49	1.77	8.5	472	36

SEED INDEX			SPAN LENGTH, 50 PERCENT			SPAN LENGTH, 2.5 PERCENT		
EMPIRE WR-61	15.1	A	COKER 100A	.54	A	COKER 100A	1.16	A
REX SMOOTHLEAF	13.7	B	CAROLINA QUEEN	.54	A	CAROLINA QUEEN	1.14	AB
AUBURN M	13.6	B	DELTAPINE 45	.54	A	DELTAPINE S.L.	1.12	BC
DIXIE KING II	12.9	C	DELTAPINE S.L.	.53	AB	STONEVILLE 7A	1.12	BC
AUBURN 56	12.7	CD	STONEVILLE 7A	.53	AB	EMPIRE WR-61	1.11	CD
CAROLINA QUEEN	12.3	DE	AUBURN 56	.52	BC	REX SMOOTHLEAF	1.11	CD
COKER 100A	12.1	E	DIXIE KING II	.52	BC	DELTAPINE 45	1.11	CD
STARDEL	11.8	EF	REX SMOOTHLEAF	.52	BC	AUBURN 56	1.10	CD
DELTAPINE 45	11.8	EF	STONEVILLE 213	.52	BC	STARDEL	1.10	CD
STONEVILLE 7A	11.5	FG	EMPIRE WR-61	.51	C	DIXIE KING II	1.09	D
STONEVILLE 213	11.2	GH	STARDEL	.51	C	AUBURN M	1.09	D
DELTAPINE S.L.	10.7	H	AUBURN M	.51	C	STONEVILLE 213	1.09	D

1964 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

22'S

DELTAPINE S.L.	118	A
STARDEL	118	A
DELTAPINE 45	116	AB
COKER 100A	115	ABC
DIXIE KING II	115	ABC
CAROLINA QUEEN	115	ABC
EMPIRE WR-61	113	ABC
AUBURN M	113	ABC
AUBURN 56	112	BC
STONEVILLE 7A	112	BC
REX SMOOTHLEAF	111	BC
STONEVILLE 213	110	C

GINNED LINT, UHM

COKER 100A	1.16	A
CAROLINA QUEEN	1.16	A
STONEVILLE 7A	1.14	AB
DELTAPINE S.L.	1.13	BC
STARDEL	1.12	BCD
REX SMOOTHLEAF	1.12	BCD
DELTAPINE 45	1.12	BCD
AUBURN 56	1.11	CD
EMPIRE WR-61	1.11	CD
STONEVILLE 213	1.11	CD
DIXIE KING II	1.10	D
AUBURN M	1.10	D

GINNED LINT, MEAN

CAROLINA QUEEN	.99	A
COKER 100A	.98	AB
DELTAPINE 45	.98	AB
DELTAPINE S.L.	.96	BC
STONEVILLE 7A	.96	BC
AUBURN 56	.95	CD
STARDEL	.95	CD
REX SMOOTHLEAF	.95	CD
AUBURN M	.95	CD
STONEVILLE 213	.95	CD
EMPIRE WR-61	.93	DE
DIXIE KING II	.92	E

MICRONAIRE

STONEVILLE 213	5.19	A
DELTAPINE 45	5.03	B
STONEVILLE 7A	5.00	BC
CAROLINA QUEEN	4.98	BC
DELTAPINE S.L.	4.87	CD
STARDEL	4.85	CD
AUBURN 56	4.76	DE
COKER 100A	4.73	DE
DIXIE KING II	4.66	EF
AUBURN M	4.54	FG
REX SMOOTHLEAF	4.44	G
EMPIRE WR-61	4.27	H

DRAWING SLIVER, UHM

COKER 100A	1.21	A
CAROLINA QUEEN	1.20	AB
STONEVILLE 7A	1.18	BC
DELTAPINE 45	1.18	BC
DELTAPINE S.L.	1.17	CD
EMPIRE WR-61	1.16	CD
REX SMOOTHLEAF	1.16	CD
STONEVILLE 213	1.16	CD
AUBURN 56	1.15	D
DIXIE KING II	1.15	D
STARDEL	1.15	D
AUBURN M	1.15	D

DRAWING SLIVER, MEAN

DELTAPINE 45	1.01	A
COKER 100A	1.00	AB
CAROLINA QUEEN	1.00	AB
DELTAPINE S.L.	.98	ABC
STONEVILLE 7A	.98	ABC
AUBURN M	.97	BCD
STONEVILLE 213	.97	BCD
AUBURN 56	.96	CD
EMPIRE WR-61	.96	CD
REX SMOOTHLEAF	.96	CD
DIXIE KING II	.95	CD
STARDEL	.94	D

1964 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

TO		
STARDEL	4.19	A
EMPIRE WR-61	3.83	B
CAROLINA QUEEN	3.82	B
DIXIE KING II	3.81	B
STONEVILLE 7A	3.76	BC
COKER 100A	3.71	CD
AUBURN M	3.68	CD
DELTAPINE 45	3.66	D
DELTAPINE S.L.	3.64	DE
REX SMOOTHLEAF	3.63	DE
STONEVILLE 213	3.63	DE
AUBURN 56	3.56	E

T1		
STARDEL	1.99	A
DELTAPINE 45	1.94	AB
DELTAPINE S.L.	1.92	B
CAROLINA QUEEN	1.90	BC
COKER 100A	1.89	BCD
AUBURN M	1.88	BCD
DIXIE KING II	1.85	CDE
AUBURN 56	1.84	CDE
STONEVILLE 213	1.83	DE
EMPIRE WR-61	1.81	E
STONEVILLE 7A	1.81	E
REX SMOOTHLEAF	1.80	E

E1		
DELTAPINE S.L.	9.3	A
DELTAPINE 45	8.5	B
AUBURN 56	8.4	BC
REX SMOOTHLEAF	8.3	BC
AUBURN M	7.9	CD
STONEVILLE 213	7.9	CD
COKER 100A	7.6	DE
CAROLINA QUEEN	7.6	DE
EMPIRE WR-61	7.3	EF
STONEVILLE 7A	7.3	EF
DIXIE KING II	7.1	EF
STARDEL	6.9	F

A		
EMPIRE WR-61	468	A
REX SMOOTHLEAF	456	B
AUBURN M	455	B
AUBURN 56	442	C
DIXIE KING II	439	CD
COKER 100A	435	CD
DELTAPINE S.L.	433	CDE
CAROLINA QUEEN	431	CDE
STARDEL	428	DE
DELTAPINE 45	427	DE
STONEVILLE 7A	422	EF
STONEVILLE 213	415	F

D		
EMPIRE WR-61	34	A
AUBURN M	33	AB
REX SMOOTHLEAF	32	AB
COKER 100A	30	ABC
AUBURN 56	28	BCD
DELTAPINE S.L.	26	CD
CAROLINA QUEEN	26	CD
STARDEL	25	CD
DIXIE KING II	24	D
STONEVILLE 7A	23	D
STONEVILLE 213	23	D
DELTAPINE 45	23	D

## 1964 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	NO	LINT	SEED	SPAN LENGTH	22'S	
	LBS. LINT	GRAMS	PER	PERCENT	INDEX	50	2.5	
	PER ACRE	PER BOLL	LB.			PERCENT		

ST. JOSEPH, LOUISIANA

CAROLINA QUEEN	1238A	6.65	69	38.3	12.2	.54	1.17	113
DIXIE KING II	1226AB	7.55	60	38.5	12.3	.56	1.11	115
STONEVILLE 7A	1214AB	6.15	74	39.7	11.6	.55	1.14	119
STARDEL	1208AB	5.80	79	39.2	11.1	.54	1.13	122
DELTAPINE S.L.	1205AB	6.00	76	39.0	10.7	.56	1.18	116
STONEVILLE 213	1195AB	6.40	71	39.8	11.1	.53	1.09	113
DELTAPINE 45	1175AB	6.35	72	38.6	12.0	.56	1.15	115
AUBURN 56	1130ABC	6.65	69	36.0	12.4	.51	1.09	109
COKER 100A	1099 BCD	6.60	69	37.1	11.5	.53	1.16	108
AUBURN M	1047 CDE	7.25	63	36.9	14.1	.54	1.13	116
REX SMOOTHLEAF	981 DE	6.90	66	36.8	14.1	.55	1.16	115
EMPIRE WR-61	956 E	8.45	54	35.9	14.2	.52	1.12	121

STONEVILLE, MISSISSIPPI

STONEVILLE 7A	1369A	6.00	76	38.6	11.0	.54	1.13	115
STONEVILLE 213	1312AB	5.91	77	39.4	10.5	.53	1.09	113
DELTAPINE S.L.	1261ABC	6.33	72	39.7	10.7	.55	1.10	119
CAROLINA QUEEN	1243ABCD	7.39	61	37.9	12.0	.54	1.12	118
AUBURN 56	1236ABCD	6.99	65	34.4	12.5	.53	1.08	121
DIXIE KING II	1163ABCDE	7.37	62	37.1	12.8	.52	1.06	116
DELTAPINE 45	1150ABCDE	6.27	73	38.4	11.3	.53	1.07	123
STARDEL	1096 BCDE	6.10	75	38.6	11.6	.50	1.04	117
COKER 100A	1088 BCDE	6.87	66	34.8	12.1	.55	1.13	122
EMPIRE WR-61	1027 CDE	8.38	54	35.4	15.0	.51	1.09	117
AUBURN M	1020 DE	6.45	71	35.4	12.5	.53	1.09	123
REX SMOOTHLEAF	992 E	7.04	65	36.5	13.2	.52	1.07	111

TUNICA, MISSISSIPPI

STONEVILLE 213	1411A	5.95	77	40.0	11.2	.50	1.08	107
STONEVILLE 7A	1365A	6.15	74	40.4	11.2	.50	1.11	104
AUBURN 56	1322AB	6.78	67	36.6	12.4	.50	1.11	116
CAROLINA QUEEN	1317AB	6.63	69	39.4	11.8	.52	1.11	115
DELTAPINE 45	1313AB	6.28	72	39.7	11.8	.53	1.10	116
COKER 100A	1299AB	6.20	73	38.5	11.6	.52	1.13	117
DIXIE KING II	1286AB	7.61	60	38.4	13.0	.51	1.10	118
DELTAPINE S.L.	1253AB	5.70	80	39.7	9.5	.50	1.10	117
STARDEL	1240AB	6.02	76	39.7	12.0	.49	1.08	128
AUBURN M	1169 BC	6.65	68	36.1	13.5	.51	1.08	115
EMPIRE WR-61	1062 C	7.82	58	35.9	15.9	.49	1.10	115
REX SMOOTHLEAF	1048 C	7.25	63	35.7	13.1	.52	1.12	117

## 1964 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	•	GINNED LINT	•	MICRO-	•	DRAWING	•	TO	•	T1	•	E1	•	A	•	D
	•	UHM • MEAN	•	NAIRE •	•	SLIVER	•		•		•		•		•	
	•		•		•	UHM • MEAN	•		•		•		•		•	
	•		•		•		•		•		•		•		•	

ST. JOSEPH, LOUISIANA

CAROLINA QUEEN	1.21	1.04	5.02	1.21	.97	36.9	18.2	7.6	433	27
DIXIE KING II	1.15	.96	4.69	1.15	.94	36.8	18.7	7.1	447	27
STONEVILLE 7A	1.19	1.02	5.20	1.18	.95	37.2	18.0	7.1	420	21
STARDEL	1.16	.99	4.83	1.16	.92	40.3	19.7	7.0	430	24
DELTAPINE S.L.	1.20	1.04	4.82	1.19	.95	35.5	19.3	9.5	441	26
STONEVILLE 213	1.18	1.01	5.27	1.19	1.01	34.7	17.9	8.0	409	20
DELTAPINE 45	1.17	1.01	4.96	1.20	1.04	34.8	18.3	8.4	425	23
AUBURN 56	1.17	.99	4.80	1.14	.91	33.0	18.4	8.3	442	26
COKER 100A	1.21	1.03	4.66	1.19	.93	35.2	18.1	7.8	447	28
AUBURN M	1.16	1.00	4.72	1.18	.99	35.5	18.0	8.3	450	32
REX SMOOTHLEAF	1.17	.98	4.46	1.17	.95	35.8	17.6	8.2	454	36
EMPIRE WR-61	1.17	.99	4.36	1.14	.91	38.2	17.5	6.8	464	36

STONEVILLE, MISSISSIPPI

STONEVILLE 7A	1.15	.97	5.30	1.17	.99	38.1	18.8	7.4	412	18
STONEVILLE 213	1.12	.96	5.45	1.16	.99	39.1	19.3	8.2	399	19
DELTAPINE S.L.	1.10	.95	5.26	1.13	.96	37.1	18.9	8.9	404	16
CAROLINA QUEEN	1.15	.96	5.34	1.19	1.00	41.1	19.9	7.1	404	16
AUBURN 56	1.10	.95	4.91	1.13	.95	36.8	18.9	8.3	426	26
DIXIE KING II	1.07	.92	5.03	1.11	.93	40.1	18.8	7.2	418	16
DELTAPINE 45	1.10	.96	5.34	1.15	1.00	38.6	20.9	8.9	401	16
STARDEL	1.08	.92	5.24	1.10	.93	43.0	20.8	6.6	404	16
COKER 100A	1.17	.99	5.07	1.19	1.00	38.4	19.3	7.0	378	36
EMPIRE WR-61	1.11	.94	4.60	1.16	.97	39.6	18.8	7.6	451	22
AUBURN M	1.11	.95	4.35	1.16	.99	38.5	19.3	8.1	460	30
REX SMOOTHLEAF	1.12	.97	4.58	1.16	.99	38.1	18.6	8.4	440	23

TUNICA, MISSISSIPPI

STONEVILLE 213	1.09	.94	5.34	1.15	.94	38.1	18.6	6.8	404	17
STONEVILLE 7A	1.11	.93	5.20	1.17	.96	39.2	17.9	6.5	406	17
AUBURN 56	1.10	.93	4.94	1.16	.99	37.7	19.2	7.5	433	24
CAROLINA QUEEN	1.14	.98	5.16	1.20	1.02	39.5	19.7	6.3	419	21
DELTAPINE 45	1.11	.97	5.14	1.18	1.03	39.2	20.3	7.6	420	25
COKER 100A	1.13	.94	4.84	1.20	.99	40.3	19.5	6.4	433	26
DIXIE KING II	1.10	.92	4.69	1.17	.98	40.6	19.6	5.9	437	20
DELTAPINE S.L.	1.11	.95	4.99	1.18	1.00	37.9	20.6	8.6	430	24
STARDEL	1.12	.96	5.09	1.19	.99	44.6	20.7	5.6	415	20
AUBURN M	1.09	.94	4.56	1.17	.99	39.2	19.9	7.0	457	35
EMPIRE WR-61	1.11	.94	4.36	1.19	.98	40.3	19.4	5.5	457	36
REX SMOOTHLEAF	1.12	.95	4.66	1.19	1.01	37.8	18.6	6.7	451	28



1964 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAMS	NO	LINT	SEED	SPAN LENGTH	22'S
	LBS.LINT	PER	PER	PER	PERCENT	INDEX	50	2.5
	PER ACRE	BOLL	LB.	•	•	•	PERCENT	•

CLARKDALE, ARKANSAS

DELTAPINE 45	954A	5.64	81	41.1	11.0	.52	1.07	117
DIXIE KING II	931AB	8.05	57	41.2	11.9	.49	1.05	113
STONEVILLE 7A	902ABC	5.75	79	40.7	10.6	.52	1.10	117
AUBURN M	891ABC	6.14	74	39.8	12.0	.50	1.02	107
STONEVILLE 213	885ABCD	5.78	79	42.3	10.4	.50	1.05	112
STARDEL	864 BCD	5.88	77	40.7	11.2	.50	1.07	121
REX SMOOTHLEAF	864 BCD	6.62	69	39.4	13.3	.49	1.06	109
AUBURN 56	848 CD	6.17	74	38.7	11.6	.51	1.04	112
DELTAPINE S.L.	838 CD	5.75	79	41.3	9.8	.50	1.06	124
EMPIRE WR-61	816 D	7.26	63	39.5	14.2	.50	1.07	113
CAROLINA QUEEN	749 E	6.83	67	39.1	12.6	.53	1.11	119
COKER 100A	681 F	6.30	72	37.4	11.5	.54	1.14	116

PORTAGEVILLE, MISSOURI

STONEVILLE 213	1031A	6.15	74	39.0	12.0	.55	1.13	106
DELTAPINE 45	960AB	5.55	82	36.5	12.6	.55	1.13	112
STONEVILLE 7A	934AB	5.35	85	37.7	12.0	.55	1.14	108
AUBURN 56	921ABC	6.65	69	34.7	13.2	.57	1.16	108
REX SMOOTHLEAF	869 BC	7.10	64	35.6	14.1	.55	1.14	106
DELTAPINE S.L.	864 BC	5.90	77	39.0	11.5	.54	1.15	112
DIXIE KING II	860 BC	6.45	71	36.5	13.7	.55	1.12	113
AUBURN M	860 BC	6.30	73	35.4	14.3	.51	1.12	110
CAROLINA QUEEN	808 CD	6.40	71	36.9	12.6	.56	1.15	114
EMPIRE WR-61	741 D	7.40	62	35.3	14.9	.53	1.14	107
COKER 100A	732 D	6.00	76	35.4	12.8	.58	1.20	118
STARDEL	569 E	5.55	83	37.3	12.3	.54	1.13	115

FT. PILLOW, TENNESSEE

DIXIE KING II	933A	8.56	53	36.9	13.8	.51	1.13	113
DELTAPINE 45	893A	6.49	70	36.8	12.5	.55	1.16	115
STARDEL	876A	6.16	74	37.9	12.4	.52	1.14	109
AUBURN M	872A	7.45	61	34.8	15.1	.52	1.12	109
AUBURN 56	836AB	7.26	63	35.2	14.1	.51	1.14	109
EMPIRE WR-61	830AB	8.75	52	34.4	16.3	.53	1.15	110
STONEVILLE 213	827AB	6.38	71	35.9	12.1	.50	1.10	109
REX SMOOTHLEAF	814ABC	7.40	61	33.6	14.7	.52	1.12	112
STONEVILLE 7A	720 BCD	6.58	69	36.2	12.5	.51	1.13	107
CAROLINA QUEEN	681 CD	7.02	65	35.8	12.9	.55	1.17	110
DELTAPINE S.L.	675 CD	6.38	72	36.9	12.1	.52	1.15	119
COKER 100A	666 D	7.08	65	35.2	13.3	.53	1.19	111



## 1964 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	•	GINNED LINT	•	MICRO-	•	DRAWING	•	•	•	•	•	•
	•	UHM • MEAN	•	NAIRE • UHM • MEAN	•	SLIVER	•	TO	•	T1	•	E1
	•		•		•		•		•		•	A
	•		•		•		•		•		•	D

CLARKEDALE, ARKANSAS

DELTAPINE 45	1.07	.93	5.24	1.15	1.00	38.2	19.8	8.5	417	21
DIXIE KING II	1.05	.88	4.78	1.12	.94	40.0	18.3	6.7	416	22
STONEVILLE 7A	1.13	.97	4.89	1.19	.99	39.9	19.0	7.0	409	23
AUBURN M	1.02	.87	4.97	1.07	.91	38.8	18.9	7.9	426	27
STONEVILLE 213	1.09	.92	5.37	1.15	.95	38.9	19.9	7.7	404	19
STARDEL	1.10	.93	4.72	1.16	.95	43.9	20.2	6.9	433	29
REX SMOOTHLEAF	1.09	.92	4.53	1.12	.92	38.2	17.8	8.0	441	22
AUBURN 56	1.07	.93	4.88	1.12	.94	38.7	19.1	8.3	425	27
DELTAPINE S.L.	1.08	.94	4.99	1.15	.98	39.7	20.6	9.0	420	26
EMPIRE WR-61	1.05	.88	4.42	1.12	.94	41.2	17.9	6.9	449	30
CAROLINA QUEEN	1.13	.99	5.06	1.19	1.02	40.6	19.6	7.2	420	23
COKER 100A	1.14	.99	4.89	1.21	1.03	39.9	19.7	7.3	423	27

PORTAGEVILLE, MISSOURI

STONEVILLE 213	1.08	.91	5.16	1.14	.92	33.4	17.4	7.9	420	22
DELTAPINE 45	1.13	.98	4.95	1.18	.98	34.4	19.1	8.4	435	25
STONEVILLE 7A	1.10	.93	5.05	1.17	.97	36.5	18.1	7.7	429	23
AUBURN 56	1.09	.93	4.67	1.16	.97	33.6	18.1	8.8	455	33
REX SMOOTHLEAF	1.10	.94	4.46	1.15	.93	34.0	17.6	9.8	457	38
DELTAPINE S.L.	1.12	.95	4.79	1.17	.97	34.0	18.0	9.5	436	28
DIXIE KING II	1.10	.92	4.43	1.16	.95	35.5	17.8	8.2	458	33
AUBURN M	1.13	.98	4.44	1.15	.93	34.3	18.6	7.7	463	34
CAROLINA QUEEN	1.12	.95	4.97	1.18	.97	36.4	18.6	9.0	439	28
EMPIRE WR-61	1.12	.93	4.16	1.16	.95	36.2	17.4	9.2	476	37
COKER 100A	1.14	.94	4.68	1.21	1.02	34.5	19.1	9.0	456	31
STARDEL	1.12	.95	4.71	1.14	.93	39.9	19.6	8.3	434	35

FT. PILLOW, TENNESSEE

DIXIE KING II	1.13	.93	4.35	1.19	.99	36.0	18.1	7.8	461	30
DELTAPINE 45	1.17	1.02	4.53	1.21	1.03	34.4	18.2	9.1	464	31
STARDEL	1.15	.95	4.53	1.16	.93	39.8	18.7	7.1	451	30
AUBURN M	1.13	.96	4.21	1.19	1.00	34.5	17.9	8.6	478	39
AUBURN 56	1.13	.96	4.38	1.19	.99	33.8	16.9	9.1	472	31
EMPIRE WR-61	1.12	.92	3.77	1.20	1.00	34.5	17.7	7.8	514	47
STONEVILLE 213	1.12	.95	4.58	1.18	.99	33.8	16.6	8.9	456	39
REX SMOOTHLEAF	1.13	.95	3.94	1.16	.96	34.4	17.6	8.6	496	44
STONEVILLE 7A	1.15	.95	4.38	1.20	1.00	34.7	16.7	8.0	457	35
CAROLINA QUEEN	1.20	1.01	4.34	1.24	1.05	34.8	18.3	8.3	473	43
DELTAPINE S.L.	1.15	.97	4.35	1.20	1.03	34.4	18.2	10.4	470	36
COKER 100A	1.18	.98	4.26	1.25	1.05	34.1	17.9	8.3	477	35

1964 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• YIELD	• BOLL SIZE	•	•	•	•	•	•	•
	• LBS. LINT	• GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	•	•	• 22'S
	• PER ACRE	• PER BOLL	• PER LB.	• PERCENT	• INDEX	• 50 • 2.5	• PERCENT	•	•
STONEVILLE 7A	680A	5.00	92	38.4	9.8	.49 1.07			106
DELTAPINE S.L.	667AB	5.02	92	38.2	9.8	.48 1.05			107
COKER 124	655AB	5.59	82	37.6	10.9	.50 1.09			112
AUBURN 56	636ABC	5.57	83	35.3	10.9	.48 1.05			106
TIDELAND TPSA69	636ABC	5.77	80	37.2	11.3	.46 1.00			102
STARDEL	605 BC	4.92	93	38.0	10.7	.47 1.06			110
DELFO 9169	589 C	5.96	77	33.5	11.5	.49 1.14			108
REX SMOOTHLEAF	588 C	5.85	78	35.8	11.9	.47 1.05			102

LOCATIONS COMBINING VARIETIES

LOCATION	• YIELD	• BOLL SIZE	•	•	•	•	•	•	•
	• LBS. LINT	• GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	•	•	• 22'S
	• PER ACRE	• PER BOLL	• PER LB.	• PERCENT	• INDEX	• 50 • 2.5	• PERCENT	•	•
COL. STA., TEX.	1085	5.72	80	37.0	11.5	.47 1.09			109
WESLACO, TEX.	954	5.87	78	34.5	11.6	.51 1.06			110
SUGARLAND, TEX.	845	5.48	83	39.2	10.5	.48 1.04			106
HOPE, ARK.	559	5.71	80	37.9	11.2	.52 1.14			102
ST. WATER, OKLA.	480	6.00	76	35.7	11.5	.54 1.16			113
MCGREGOR, TEX.	391	5.13	89	35.6	9.9	.41 .98			100
BOSSIER C., LA.	373	5.37	86	37.4	10.6	.47 1.06			108
NICES CT., TEX.	367	4.40	104	36.7	9.8	.45 .97			104

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
DELFO 9169	5.96	A	STARDEL	93	A	STONEVILLE 7A	38.4	A
REX SMOOTHLEAF	5.85	A	DELTAPINE S.L.	92	A	DELTAPINE S.L.	38.2	A
TIDELAND TPSA69	5.77	AB	STONEVILLE 7A	92	A	STARDEL	38.0	AB
COKER 124	5.59	B	AUBURN 56	83	B	COKER 124	37.6	AB
AUBURN 56	5.57	B	COKER 124	82	BC	TIDELAND TPSA69	37.2	B
DELTAPINE S.L.	5.02	C	TIDELAND TPSA69	80	BCD	REX SMOOTHLEAF	35.8	C
STONEVILLE 7A	5.00	C	REX SMOOTHLEAF	78	CD	AUBURN 56	35.3	C
STARDEL	4.92	C	DELFO 9169	77	D	DELFO 9169	33.5	D

1964 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT		MICRO-		DRAWING SLIVER		TO	T1	E1	A	D					
	UHM	MEAN	NAIRE	UHM	MEAN											
STONEVILLE 7A	1.10	.93	4.84	1.13	.93	3.75	1.78	6.7	438	27						
DELTAPINE S.L.	1.06	.89	4.75	1.10	.92	3.71	1.88	8.5	440	25						
COKER 124	1.11	.94	4.50	1.14	.94	3.81	1.88	6.9	457	29						
AUBURN 56	1.06	.89	4.34	1.10	.91	3.72	1.81	7.6	467	34						
TIDELAND TPSA69	1.01	.85	4.47	1.05	.85	3.77	1.75	7.4	461	30						
STARDEL	1.08	.91	4.38	1.12	.92	4.17	2.00	6.1	447	24						
DELFO 9169	1.14	.94	4.12	1.19	.97	3.56	1.80	8.2	487	36						
REX SMOOTHLEAF	1.08	.90	4.22	1.11	.89	3.66	1.74	7.2	475	32						

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT		MICRO-		DRAWING SLIVER		TO	T1	E1	A	D					
	UHM	MEAN	NAIRE	UHM	MEAN											
COL. STA., TEX.	1.10	.93	4.56	1.16	.97	3.78	1.95	6.7	457	33						
WESLACO, TEX.	1.07	.92	4.29	1.13	.97	3.35	1.81	8.4	475	33						
SUGARLAND, TEX.	1.07	.89	4.88	1.10	.89	3.73	1.72	7.0	432	22						
HOPE, ARK.	1.14	.96	4.74	1.18	.95	3.62	1.85	8.1	437	26						
ST. WATER, OKLA.	1.16	.99	4.70	1.23	1.04	3.95	2.05	7.9	438	25						
MCGREGOR, TEX.	1.01	.82	3.84	1.01	.79	3.92	1.65	6.4	505	35						
BOSSIER C., LA.	1.07	.90	4.46	1.11	.90	3.96	1.91	6.7	463	34						
N'CES CT., TEX.	1.00	.84	4.15	1.02	.83	3.83	1.72	7.3	465	29						

SEED INDEX

REX SMOOTHLEAF	11.9	A
DELFO 9169	11.5	AB
TIDELAND TPSA69	11.3	BC
AUBURN 56	10.9	CD
COKER 124	10.9	CD
STARDEL	10.7	D
DELTAPINE S.L.	9.8	E
STONEVILLE 7A	9.8	E

SPAN LENGTH, 50 PERCENT

COKER 124	.50	A
DELFO 9169	.49	AB
STONEVILLE 7A	.49	AB
AUBURN 56	.48	BC
DELTAPINE S.L.	.48	BC
STARDEL	.47	CD
REX SMOOTHLEAF	.47	CD
TIDELAND TPSA69	.46	D

SPAN LENGTH, 2.5 PERCENT

DELFO 9169	1.14	A
COKER 124	1.09	B
STONEVILLE 7A	1.07	BC
STARDEL	1.06	C
AUBURN 56	1.05	C
DELTAPINE S.L.	1.05	C
REX SMOOTHLEAF	1.05	C
TIDELAND TPSA69	1.00	D

1964 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

22'S

COKER 124	112	A
STARDEL	110	AB
DELFO 9169	108	AB
DELTAPINE S.L.	107	B
AUBURN 56	106	BC
STONEVILLE 7A	106	BC
TIDELAND TPSA69	102	C
REX SMOOTHLEAF	102	C

GINNED LINT, UHM

DELFO 9169	1.14	A
COKER 124	1.11	B
STONEVILLE 7A	1.10	BC
STARDEL	1.08	CD
REX SMOOTHLEAF	1.08	CD
AUBURN 56	1.06	D
DELTAPINE S.L.	1.06	D
TIDELAND TPSA69	1.01	E

GINNED LINT, MEAN

COKER 124	.94	A
DELFO 9169	.94	A
STONEVILLE 7A	.93	AB
STARDEL	.91	BC
REX SMOOTHLEAF	.90	C
AUBURN 56	.89	C
DELTAPINE S.L.	.89	C
TIDELAND TPSA69	.85	D

MICRONAIRE

STONEVILLE 7A	4.84	A
DELTAPINE S.L.	4.75	AB
COKER 124	4.50	ABC
TIDELAND TPSA69	4.47	ABC
STARDEL	4.38	BC
AUBURN 56	4.34	C
REX SMOOTHLEAF	4.22	C
DELFO 9169	4.12	C

DRAWING SLIVER, UHM

DELFO 9169	1.19	A
COKER 124	1.14	B
STONEVILLE 7A	1.13	BC
STARDEL	1.12	BCD
REX SMOOTHLEAF	1.11	CD
AUBURN 56	1.10	D
DELTAPINE S.L.	1.10	D
TIDELAND TPSA69	1.05	E

DRAWING SLIVER, MEAN

DELFO 9169	.97	A
COKER 124	.94	B
STONEVILLE 7A	.93	BC
DELTAPINE S.L.	.92	BC
STARDEL	.92	BC
AUBURN 56	.91	CD
REX SMOOTHLEAF	.89	D
TIDELAND TPSA69	.85	E

1964 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

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T0		
STARDEL	4.17	A
COKER 124	3.81	B
TIDELAND TPSA69	3.77	BC
STONEVILLE 7A	3.75	BC
AUBURN 56	3.72	BC
DELTAPINE S.L.	3.71	BC
REX SMOOTHLEAF	3.66	CD
DELFOS 9169	3.56	D

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T1		
STARDEL	2.00	A
COKER 124	1.88	B
DELTAPINE S.L.	1.88	B
AUBURN 56	1.81	C
DELFOS 9169	1.80	C
STONEVILLE 7A	1.78	C
TIDELAND TPSA69	1.75	C
REX SMOOTHLEAF	1.74	C

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E1		
DELTAPINE S.L.	8.5	A
DELFOS 9169	8.2	A
AUBURN 56	7.6	B
TIDELAND TPSA69	7.4	B
REX SMOOTHLEAF	7.2	BC
COKER 124	6.9	CD
STONEVILLE 7A	6.7	D
STARDEL	6.1	E

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A		
DELFOS 9169	487	A
REX SMOOTHLEAF	475	B
AUBURN 56	467	BC
TIDELAND TPSA69	461	C
COKER 124	457	CD
STARDEL	447	DE
DELTAPINE S.L.	440	E
STONEVILLE 7A	438	E

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D		
DELFOS 9169	36	A
AUBURN 56	34	AB
REX SMOOTHLEAF	32	BC
TIDELAND TPSA69	30	CD
COKER 124	29	CD
STONEVILLE 7A	27	DE
DELTAPINE S.L.	25	E
STARDEL	24	E

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1964 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAMS	NO	LINT	SEED	SPAN LENGTH	22'S
	LBS•LINT	PER	PER	PERCENT	INDEX	50	2.5	
	PER ACRE	BOLL	LB.				PERCENT	

WESLACO, TEXAS

STONEVILLE 7A	1079A	5.31	86	36.5	10.3	.50	1.05	114
TIDELAND TPSA69	1048A	6.34	72	34.8	12.3	.49	1.01	102
COKER 124	1009AB	6.02	75	34.2	11.9	.54	1.10	118
DELTAPINE S.L.	997AB	5.06	90	35.7	9.8	.52	1.07	110
STARDEL	976ABC	5.45	83	36.0	11.5	.51	1.07	110
REX SMOOTHLEAF	884 BCD	6.37	72	33.6	12.9	.51	1.07	105
DELFO 9169	845 CD	6.33	72	31.0	12.4	.54	1.13	111
AUBURN 56	797 D	6.11	75	34.4	11.6	.49	1.03	108

SUGARLAND, TEXAS

DELTAPINE S.L.	937A	5.02	91	41.2	9.5	.47	1.01	103
STONEVILLE 7A	911AB	4.91	92	41.4	9.7	.50	1.04	107
COKER 124	896AB	5.42	84	40.8	10.4	.49	1.05	103
TIDELAND TPSA69	873ABC	5.80	78	40.2	10.6	.45	.98	105
AUBURN 56	834ABCD	5.70	80	37.4	10.3	.48	1.02	107
STARDEL	803 BCD	5.20	88	39.3	9.9	.48	1.03	111
REX SMOOTHLEAF	776 CD	5.79	78	37.5	12.3	.49	1.06	107
DELFO 9169	733 D	5.96	76	36.2	11.5	.49	1.09	106

HOPE, ARKANSAS

AUBURN 56	626A	5.72	80	38.0	11.7	.52	1.13	100
TIDELAND TPSA69	584A	6.39	71	38.9	11.8	.53	1.10	99
DELTAPINE S.L.	576A	5.28	86	40.0	9.7	.51	1.14	97
STONEVILLE 7A	555A	5.50	83	38.9	10.8	.53	1.16	104
COKER 124	550A	5.75	79	37.9	10.7	.55	1.18	114
DELFO 9169	538A	6.32	73	34.0	11.5	.53	1.24	101
STARDEL	534A	4.89	93	38.7	11.0	.51	1.10	106
REX SMOOTHLEAF	512A	5.83	78	37.0	12.4	.48	1.08	97

BOSSIER CITY, LOUISIANA

DELTAPINE S.L.	477A	5.10	91	38.8	10.0	.50	1.05	116
AUBURN 56	398AB	5.65	81	35.2	10.5	.48	1.07	110
DELFO 9169	383 B	5.90	77	34.2	10.7	.50	1.17	110
STONEVILLE 7A	380 BC	5.20	89	39.4	10.3	.47	1.07	106
STARDEL	348 BC	5.25	88	39.5	10.7	.47	1.07	115
TIDELAND TPSA69	308 BC	4.80	96	37.6	11.3	.45	.99	100
REX SMOOTHLEAF	291 C	5.55	82	36.4	11.1	.44	.99	98



## 1964 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT UHM . MEAN	MICRO- NAIRE	DRAWING SLIVER UHM . MEAN	T0	T1	E1	A	D
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WESLACO, TEXAS

STONEVILLE 7A	1.06	.91	4.68	1.12	.98	33.3	17.9	7.6	449	28
TIDELAND TPSA69	1.02	.88	4.42	1.06	.90	34.3	17.4	8.8	471	33
COKER 124	1.12	.97	4.07	1.16	.99	33.5	19.0	8.4	487	36
DELTAPINE S.L.	1.06	.91	4.23	1.12	.97	32.5	19.0	9.6	470	36
STARDEL	1.10	.95	4.49	1.15	.99	37.2	19.8	7.0	460	27
REX SMOOTHLEAF	1.05	.90	4.32	1.11	.94	33.5	17.0	8.4	479	31
DELFOF 9169	1.12	.94	3.87	1.19	1.01	30.5	16.8	9.4	499	41
AUBURN 56	1.02	.88	4.31	1.11	.96	33.8	17.9	7.9	482	36

SUGARLAND, TEXAS

DELTAPINE S.L.	1.07	.90	5.14	1.08	.88	35.7	17.2	8.5	415	20
STONEVILLE 7A	1.07	.90	5.24	1.10	.88	36.6	17.1	6.7	407	14
COKER 124	1.09	.92	5.20	1.12	.91	38.7	17.8	5.9	415	20
TIDELAND TPSA69	1.01	.85	4.90	1.05	.85	38.2	17.0	6.8	439	23
AUBURN 56	1.06	.91	4.65	1.05	.86	37.1	17.7	7.1	439	25
STARDEL	1.05	.87	5.08	1.09	.89	40.0	17.7	5.9	429	19
REX SMOOTHLEAF	1.10	.91	4.43	1.12	.90	36.6	16.3	7.1	460	29
DELFOF 9169	1.12	.91	4.44	1.16	.95	35.4	17.2	7.8	456	26

HOPE, ARKANSAS

AUBURN 56	1.13	.97	4.71	1.16	.94	34.7	18.3	8.4	440	24
TIDELAND TPSA69	1.09	.91	4.73	1.11	.87	35.5	17.5	8.2	431	25
DELTAPINE S.L.	1.12	.93	4.83	1.17	.95	36.1	18.6	8.7	426	19
STONEVILLE 7A	1.16	.99	4.96	1.23	1.00	37.1	19.4	7.5	427	24
COKER 124	1.18	1.01	4.47	1.21	.99	34.6	18.8	8.3	453	35
DELFOF 9169	1.22	.99	4.41	1.28	1.02	33.8	17.8	9.4	476	35
STARDEL	1.13	.96	5.09	1.17	.96	41.4	20.9	6.6	418	23
REX SMOOTHLEAF	1.10	.93	4.74	1.15	.93	36.2	17.1	7.6	431	30

BOSSIER CITY, LOUISIANA

DELTAPINE S.L.	1.05	.91	5.03	1.09	.91	40.1	20.0	8.0	434	26
AUBURN 56	1.05	.88	4.13	1.09	.89	40.3	19.2	6.8	488	42
DELFOF 9169	1.14	.94	4.17	1.20	.97	36.7	20.1	7.5	488	39
STONEVILLE 7A	1.11	.93	4.98	1.12	.90	39.8	17.3	6.2	448	36
STARDEL	1.07	.89	4.34	1.13	.93	44.7	21.8	5.7	442	28
TIDELAND TPSA69	1.02	.87	4.43	1.07	.86	38.0	17.5	6.7	462	35
REX SMOOTHLEAF	1.06	.88	4.10	1.08	.85	37.3	17.4	6.7	480	34

## 1964 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	• YIELD	• BOLL SIZE	•	•	•	•	•	•
	• LBS. LINT	• GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	•	• 22'S
	• PER ACRE	• PER	• PER	• PERCENT	• INDEX	• 50 • 2.5	•	•
		• BOLL	• LB.	•		• PERCENT	•	

STILLWATER, OKLAHOMA

AUBURN 56	534A	6.22	73	35.0	12.1	.54	1.17	109
DELFO 9169	511AB	6.30	73	32.9	11.9	.55	1.23	112
COKER 124	505ABC	6.28	73	37.1	12.0	.55	1.20	127
REX SMOOTHLEAF	502ABC	6.52	70	35.2	11.9	.56	1.16	106
TIDELAND TPSA69	476ABCD	6.34	72	36.5	12.1	.48	1.05	110
STARDEL	455 BCD	5.20	88	37.2	12.0	.52	1.17	116
DELTAPINE S.L.	438 CD	5.62	81	36.5	10.1	.54	1.16	112
STONEVILLE 7A	420 D	5.52	83	35.0	10.3	.56	1.19	117

MCGREGOR, TEXAS

AUBURN 56	423A	5.14	89	34.2	10.0	.42	.98	105
STONEVILLE 7A	421A	4.56	100	38.3	8.6	.43	1.00	98
DELFO 9169	410AB	5.67	81	32.8	10.5	.42	1.05	103
COKER 124	405AB	5.35	85	35.8	10.1	.41	.99	99
TIDELAND TPSA69	383ABC	5.62	81	35.7	10.1	.39	.94	97
DELTAPINE S.L.	372 BC	4.39	104	37.1	9.4	.42	.95	101
REX SMOOTHLEAF	371 BC	5.76	79	34.6	10.9	.40	.99	97
STARDEL	344 C	4.61	99	36.6	9.5	.40	.98	101

COLLEGE STATION, TEXAS

STONEVILLE 7A	1260A	4.97	92	38.9	10.0	.47	1.08	108
DELTAPINE S.L.	1172AB	5.68	81	39.2	10.7	.47	1.08	108
AUBURN 56	1114 BC	5.83	78	34.4	11.4	.45	1.07	103
COKER 124	1107 BC	5.83	78	38.0	11.8	.49	1.13	115
TIDELAND TPSA69	1081 BC	6.04	75	37.9	11.8	.44	1.03	108
STARDEL	1006 CD	4.93	92	38.9	10.9	.47	1.07	121
REX SMOOTHLEAF	1001 CD	6.02	76	35.3	12.6	.47	1.10	104
DELFO 9169	938 D	6.43	71	33.2	12.9	.49	1.19	108

NUECES COUNTY, TEXAS

STONEVILLE 7A	415A	4.02	113	38.6	8.8	.47	.99	96
STARDEL	373 B	3.86	118	37.9	9.8	.44	1.00	106
REX SMOOTHLEAF	370 B	4.94	92	36.8	11.2	.44	.96	104
COKER 124	367 B	4.57	100	38.7	9.4	.46	.99	106
AUBURN 56	364 B	4.22	108	34.3	9.9	.45	.98	104
DELTAPINE S.L.	364 B	4.03	113	37.2	9.0	.45	.95	107
DELFO 9169	351 B	4.78	96	34.1	10.4	.44	1.02	111
TIDELAND TPSA69	333 B	4.81	95	36.0	10.1	.43	.93	96

## 1964 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	•	GINNED LINT	•	MICRO-	•	DRAWING	•	TO	•	T1	•	E1	•	A	•	D
	•	UHM • MEAN	•	NAIRE •	•	UHM • MEAN	•		•		•		•		•	
	•	•	•	•	•	•	•		•		•		•		•	
	•		•		•		•		•		•		•		•	

STILLWATER, OKLAHOMA

AUBURN 56	1.17	.99	4.63	1.22	1.05	37.5	20.0	9.1	448	28
DELFO 9169	1.22	1.02	4.23	1.30	1.11	39.0	20.0	8.6	462	33
COKER 124	1.19	1.02	4.42	1.24	1.04	39.9	21.5	8.2	458	23
REX SMOOTHLEAF	1.16	.99	4.50	1.23	1.04	38.0	19.5	7.5	447	28
TIDELAND TPSA69	1.04	.89	4.77	1.13	.94	41.5	20.0	7.9	434	20
STARDEL	1.18	1.01	5.05	1.23	1.03	45.6	22.4	5.2	418	16
DELTAPINE S.L.	1.16	.99	5.01	1.23	1.06	37.0	20.6	9.6	420	27
STONEVILLE 7A	1.21	1.04	4.98	1.24	1.07	37.5	20.5	6.9	421	27

MCGREGOR, TEXAS

AUBURN 56	1.00	.81	3.70	1.02	.84	39.6	16.6	6.7	517	41
STONEVILLE 7A	1.04	.85	4.32	1.05	.83	38.8	15.4	6.1	475	28
DELFO 9169	1.07	.85	3.57	1.05	.79	37.6	16.2	7.3	530	43
COKER 124	1.05	.87	3.92	1.06	.84	39.5	16.5	5.8	494	36
TIDELAND TPSA69	.94	.76	3.71	.94	.71	39.3	16.0	6.7	517	38
DELTAPINE S.L.	.99	.80	4.22	1.02	.82	39.3	17.5	7.4	469	24
REX SMOOTHLEAF	1.02	.82	3.36	.98	.72	38.3	16.0	6.0	542	44
STARDEL	1.00	.81	3.98	1.00	.77	41.3	17.7	5.8	494	31

COLLEGE STATION, TEXAS

STONEVILLE 7A	1.14	.96	4.91	1.18	.98	37.9	18.6	6.4	441	34
DELTAPINE S.L.	1.05	.88	4.66	1.12	.95	37.6	19.7	7.7	438	28
AUBURN 56	1.09	.91	4.42	1.12	.94	36.6	18.3	7.4	452	37
COKER 124	1.13	.97	5.00	1.19	1.01	39.0	20.2	6.0	434	27
TIDELAND TPSA69	1.02	.85	4.42	1.09	.89	38.3	18.9	6.6	462	36
STARDEL	1.12	.95	4.71	1.19	1.00	42.5	22.5	5.8	451	30
REX SMOOTHLEAF	1.13	.95	4.18	1.17	.97	35.6	18.9	7.0	486	31
DELFO 9169	1.17	.98	4.19	1.24	1.04	35.3	19.3	7.1	496	41

NUECES COUNTY, TEXAS

STONEVILLE 7A	1.03	.87	4.71	1.04	.86	38.9	16.7	6.5	438	26
STARDEL	.98	.82	2.27	1.00	.80	41.0	17.7	6.8	469	23
REX SMOOTHLEAF	1.01	.85	4.18	1.04	.83	37.6	17.2	7.2	478	32
COKER 124	1.02	.87	4.44	1.04	.85	39.6	17.5	6.5	455	27
AUBURN 56	.98	.81	4.17	1.01	.82	38.2	17.3	7.4	470	37
DELTAPINE S.L.	.96	.81	4.92	1.00	.84	38.5	17.9	8.7	447	24
DELFO 9169	1.07	.91	4.07	1.09	.88	36.4	16.9	8.5	492	36
TIDELAND TPSA69	.94	.80	4.44	.99	.81	36.7	16.4	7.3	473	30

1964 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • PER BOLL	• NO • PER LB.	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S

VARIETIES COMBINING LOCATIONS

DELTAPINE S.L.	685A	5.12	90	36.7	10.2	.50	1.11	112
STONEVILLE 7A	651AB	5.12	90	36.2	10.2	.51	1.14	110
AUBURN 56	623ABC	5.65	82	34.6	11.3	.51	1.10	114
N. STAR 5	621ABC	6.47	71	36.8	11.7	.46	1.01	99
BLIGHTMASTER	616ABC	5.59	83	35.0	11.2	.47	1.05	106
PARROTT	608ABC	6.24	74	37.3	10.8	.48	.98	101
PAYMASTER 101A	605 BC	6.08	76	36.1	11.0	.47	.99	110
LOCKETT 4789	603 BC	6.10	75	35.2	11.6	.50	1.09	109
AUSTIN	601 BC	6.28	73	36.0	12.1	.48	1.07	108
LANKART 57	575 BC	7.54	62	37.7	13.4	.47	1.03	95
GREGG 35	558 C	5.71	80	32.9	12.0	.49	1.03	119

SUBREGIONAL SUMMARY COMBINING BROWNFIELD, LUBBOCK, AND HALFWAY

DELTAPINE S.L.	751A	5.08	90	36.3	10.3	.52	1.15	112
PAYMASTER 101A	731AB	5.80	81	36.7	10.9	.49	1.02	106
AUSTIN	713AB	6.54	71	36.9	12.7	.50	1.10	108
PARROTT	706AB	6.25	75	36.9	11.3	.49	1.02	96
STONEVILLE 7A	706AB	5.08	92	35.8	10.9	.53	1.17	110
BLIGHTMASTER	698AB	5.40	86	34.8	11.6	.50	1.09	103
GREGG 35	670AB	5.57	83	33.5	12.3	.50	1.05	118
AUBURN 56	660AB	5.48	85	35.1	11.6	.53	1.13	115
LOCKETT 4789	654AB	5.93	78	35.0	12.0	.52	1.13	111
N. STAR 5	644 B	6.43	71	36.3	11.8	.49	1.09	101
LANKART 57	633 B	7.30	64	36.9	14.1	.50	1.08	92

SUBREGIONAL SUMMARY COMBINING ALTUS, MANGUM, AND CHICKASHA

DELTAPINE S.L.	731A	5.31	87	36.7	10.8	.52	1.13	117
N. STAR 5	698AB	6.79	68	37.5	12.4	.46	.98	99
STONEVILLE 7A	669ABC	5.31	86	35.9	10.1	.53	1.16	115
AUBURN 56	660ABC	5.97	77	34.3	11.4	.52	1.11	115
LOCKETT 4789	631ABCD	6.47	70	35.4	11.9	.51	1.09	110
BLIGHTMASTER	624ABCD	5.85	80	35.0	11.5	.49	1.05	112
AUSTIN	591 BCD	6.31	73	35.1	12.2	.51	1.10	111
LANKART 57	586 BCD	8.07	57	37.4	13.4	.47	1.02	97
PAYMASTER 101A	562 CD	6.37	71	35.6	11.5	.48	.98	114
PARROTT	557 CD	6.20	74	37.5	10.8	.48	.98	106
GREGG 35	528 D	5.89	77	33.2	12.1	.50	1.04	121

LOCATIONS COMBINING VARIETIES

LOCATION	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • PER BOLL	• NO • PER LB.	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S

CHICKASHA, OKLA.	979	5.56	83	36.3	9.7	.39	.92	100
HALFWAY, TEX.	823	6.12	76	33.6	11.9	.51	1.09	115
LUBBOCK, TEX.	751	4.91	94	37.3	10.6	.46	1.06	97
ALTUS, OKLA.	655	5.64	82	36.4	11.2	.47	1.00	106
BROWNFIELD, TEX.	490	5.93	78	36.7	11.8	.52	1.10	111
MCGREGOR, TEX.	364	6.85	67	33.5	12.9	.54	1.12	112
MANGUM, OKLA.	231	6.94	66	37.3	11.8	.51	1.08	112



1964 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	•	•	•	•	•	•	•	•	•	•	•
	GINNED LINT		MICRO-	DRAWING		TO	T1	E1	A	D	
	UHM • MEAN		NAIRE	UHM • MEAN							
	•	•	•	•	•	•	•	•	•	•	•

VARIETIES COMBINING LOCATIONS

DELTAPINE S.L.	1.12	.94	4.30	1.15	.93	3.52	1.86	10.4	473	40
STONEVILLE 7A	1.15	.96	4.32	1.17	.94	3.64	1.79	7.9	470	41
AUBURN 56	1.11	.94	4.13	1.13	.92	3.51	1.82	9.4	477	45
N. STAR 5	1.02	.84	4.25	1.04	.84	3.61	1.69	7.5	479	42
BLIGHTMASTER	1.06	.89	3.99	1.07	.86	3.58	1.74	9.0	500	45
PARROTT	.98	.85	4.69	1.03	.86	3.46	1.72	8.9	449	35
PAYMASTER 101A	.98	.82	4.44	1.03	.86	3.79	1.83	8.4	474	37
LOCKETT 4789	1.09	.92	4.27	1.12	.90	3.62	1.80	8.7	481	43
AUSTIN	1.08	.90	4.06	1.11	.88	3.66	1.75	7.8	494	44
LANKART 57	1.03	.87	4.43	1.07	.87	3.19	1.61	10.8	466	41
GREGG 35	1.04	.89	3.99	1.06	.87	3.93	2.01	7.8	494	41

SUBREGIONAL SUMMARY COMBINING BROWNFIELD, LUBBOCK, AND HALFWAY

DELTAPINE S.L.	1.16	.97	3.75	1.20	.97	3.22	1.79	12.5	512	54
PAYMASTER 101A	.99	.81	3.98	1.05	.87	3.33	1.77	10.1	512	52
AUSTIN	1.11	.93	3.77	1.13	.90	3.33	1.73	9.3	520	56
PARROTT	1.01	.85	4.43	1.06	.86	3.08	1.65	11.0	470	44
STONEVILLE 7A	1.17	.98	3.81	1.20	.96	3.38	1.77	9.2	508	56
BLIGHTMASTER	1.12	.95	3.60	1.11	.87	3.16	1.61	10.9	543	61
GREGG 35	1.06	.91	3.67	1.07	.86	3.54	1.97	9.3	517	51
AUBURN 56	1.13	.95	3.76	1.16	.94	3.18	1.76	11.4	520	61
LOCKETT 4789	1.12	.94	3.97	1.15	.90	3.30	1.74	9.5	510	54
N. STAR 5	1.06	.85	3.68	1.08	.84	3.32	1.67	9.0	522	55
LANKART 57	1.07	.90	4.05	1.09	.87	2.82	1.49	12.6	498	54

SUBREGIONAL SUMMARY COMBINING ALTUS, MANGUM, AND CHICKASHA

DELTAPINE S.L.	1.13	.95	4.87	1.17	.94	3.69	1.95	9.3	434	29
N. STAR 5	1.02	.87	4.96	1.04	.85	3.77	1.77	6.5	428	29
STONEVILLE 7A	1.17	.99	4.85	1.19	.95	3.78	1.88	7.3	432	28
AUBURN 56	1.12	.96	4.63	1.15	.94	3.69	1.86	8.4	452	32
LOCKETT 4789	1.10	.93	4.73	1.13	.91	3.77	1.90	8.6	445	30
BLIGHTMASTER	1.05	.89	4.48	1.07	.85	3.80	1.86	7.9	456	31
AUSTIN	1.09	.92	4.56	1.13	.90	3.88	1.83	7.0	451	32
LANKART 57	1.03	.88	4.95	1.08	.88	3.36	1.73	9.8	429	27
PAYMASTER 101A	1.00	.86	5.02	1.03	.85	4.03	1.90	7.4	430	23
PARROTT	.98	.86	4.95	1.03	.87	3.71	1.81	7.3	429	27
GREGG 35	1.05	.90	4.51	1.07	.87	4.15	2.10	7.1	452	26

LOCATIONS COMBINING VARIETIES

LOCATION	•	GINNED LINT	•	MICRO-	•	DRAWING	•	•	•	•	•	•
	•	UHM	•	NAIRE	•	SLIVER	•	TO	•	T1	•	E1
	•	MEAN	•	UHM	•	MEAN	•	•	•	•	•	A
	•		•		•		•	•	•	•	•	D

CHICKASHA, OKLA.	.94	.78	3.92	.99	.82	4.07	1.71	6.6	491	40
HALFWAY, TEX.	1.10	.94	4.80	1.13	.92	3.77	1.92	7.9	442	28
LUBBOCK, TEX.	1.04	.83	3.29	1.07	.82	3.14	1.64	10.7	556	66
ALTUS, OKLA.	1.01	.85	4.91	1.04	.85	3.99	1.87	7.4	427	24
BR'FIELD, TEX.	1.09	.92	4.21	1.13	.92	3.36	1.77	9.4	489	48
MCGREGOR, TEX.	1.14	.98	4.08	1.15	.94	3.22	1.76	11.2	490	49
MANGUM, OKLA.	1.10	.94	4.62	1.12	.91	3.60	1.82	8.3	450	33



1964 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
LANKART 57	7.54	A	DELTAPINE S.L.	90	A	LANKART 57	37.7	A
N. STAR 5	6.47	B	STONEVILLE 7A	90	A	PARROTT	37.3	AB
AUSTIN	6.28	B	BLIGHTMASTER	83	B	N. STAR 5	36.8	ABC
PARROTT	6.24	B	AUBURN 56	82	B	DELTAPINE S.L.	36.7	ABC
LOCKETT 4789	6.10	B	GREGG 35	80	BC	STONEVILLE 7A	36.2	BCD
PAYMASTER 101A	6.08	B	PAYMASTER 101A	76	CD	PAYMASTER 101A	36.1	BCD
GREGG 35	5.71	C	LOCKETT 4789	75	DE	AUSTIN	36.0	CD
AUBURN 56	5.65	C	PARROTT	74	DE	LOCKETT 4789	35.2	DE
BLIGHTMASTER	5.59	C	AUSTIN	73	DE	BLIGHTMASTER	35.0	DE
DELTAPINE S.L.	5.12	D	N. STAR 5	71	E	AUBURN 56	34.6	E
STONEVILLE 7A	5.12	D	LANKART 57	62	F	GREGG 35	32.9	F

SEED INDEX			SPAN LENGTH, 50 PERCENT			SPAN LENGTH, 2.5 PERCENT		
LANKART 57	13.4	A	AUBURN 56	.51	A	STONEVILLE 7A	1.14	A
AUSTIN	12.1	B	STONEVILLE 7A	.51	A	DELTAPINE S.L.	1.11	AB
GREGG 35	12.0	BC	DELTAPINE S.L.	.50	AB	AUBURN 56	1.10	BC
N. STAR 5	11.7	BCD	LOCKETT 4789	.50	AB	LOCKETT 4789	1.09	BC
LOCKETT 4789	11.6	BCD	GREGG 35	.49	BC	AUSTIN	1.07	CD
AUBURN 56	11.3	CDE	AUSTIN	.48	CD	BLIGHTMASTER	1.05	DE
BLIGHTMASTER	11.2	DE	PARROTT	.48	CD	GREGG 35	1.03	EF
PAYMASTER 101A	11.0	DE	BLIGHTMASTER	.47	DE	LANKART 57	1.03	EF
PARROTT	10.8	EF	LANKART 57	.47	DE	N. STAR 5	1.01	FG
DELTAPINE S.L.	10.2	F	PAYMASTER 101A	.47	DE	PAYMASTER 101A	.99	G
STONEVILLE 7A	10.2	F	N. STAR 5	.46	E	PARROTT	.98	G

22'S			GINNED LINT, UHM			GINNED LINT, MEAN		
GREGG 35	119	A	STONEVILLE 7A	1.15	A	STONEVILLE 7A	.96	A
AUBURN 56	114	B	DELTAPINE S.L.	1.12	AB	AUBURN 56	.94	AB
DELTAPINE S.L.	112	BC	AUBURN 56	1.11	BC	DELTAPINE S.L.	.94	AB
PAYMASTER 101A	110	BCD	LOCKETT 4789	1.09	BCD	LOCKETT 4789	.92	ABC
STONEVILLE 7A	110	BCD	AUSTIN	1.08	CD	AUSTIN	.90	BCD
LOCKETT 4789	109	BCD	BLIGHTMASTER	1.06	DE	BLIGHTMASTER	.89	CDE
AUSTIN	108	CD	GREGG 35	1.04	EF	GREGG 35	.89	CDE
BLIGHTMASTER	106	D	LANKART 57	1.03	EF	LANKART 57	.87	DEF
PARROTT	101	E	N. STAR 5	1.02	F	PARROTT	.85	EFG
N. STAR 5	99	EF	PARROTT	.98	G	N. STAR 5	.84	FG
LANKART 57	95	F	PAYMASTER 101A	.98	G	PAYMASTER 101A	.82	G

1964 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

MICRONAIRE			DRAWING SLIVER, UHM			DRAWING SLIVER, MEAN		
PARROTT	4.69	A	STONEVILLE 7A	1.17	A	STONEVILLE 7A	.94	A
PAYMASTER 101A	4.44	B	DELTAPINE S.L.	1.15	AB	DELTAPINE S.L.	.93	A
LANKART 57	4.43	B	AUBURN 56	1.13	BC	AUBURN 56	.92	AB
STONEVILLE 7A	4.32	BC	LOCKETT 4789	1.12	C	LOCKETT 4789	.90	ABC
DELTAPINE S.L.	4.30	BCD	AUSTIN	1.11	C	AUSTIN	.88	BCD
LOCKETT 4789	4.27	BCD	BLIGHTMASTER	1.07	D	GREGG 35	.87	CD
N. STAR 5	4.25	BCD	LANKART 57	1.07	D	LANKART 57	.87	CD
AUBURN 56	4.13	CDE	GREGG 35	1.06	D	BLIGHTMASTER	.86	CD
AUSTIN	4.06	DE	N. STAR 5	1.04	DE	PARROTT	.86	CD
BLIGHTMASTER	3.99	E	PARROTT	1.03	E	PAYMASTER 101A	.86	CD
GREGG 35	3.99	E	PAYMASTER 101A	1.03	E	N. STAR 5	.84	D

T0			T1			E1		
GREGG 35	3.93	A	GREGG 35	2.01	A	LANKART 57	10.8	A
PAYMASTER 101A	3.79	B	DELTAPINE S.L.	1.86	B	DELTAPINE S.L.	10.4	A
AUSTIN	3.66	C	PAYMASTER 101A	1.83	B	AUBURN 56	9.4	B
STONEVILLE 7A	3.64	CD	AUBURN 56	1.82	BC	BLIGHTMASTER	9.0	BC
LOCKETT 4789	3.62	CD	LOCKETT 4789	1.80	BCD	PARROTT	8.9	BC
N. STAR 5	3.61	CD	STONEVILLE 7A	1.79	BCDE	LOCKETT 4789	8.7	BC
BLIGHTMASTER	3.58	CDE	AUSTIN	1.75	CDEF	PAYMASTER 101A	8.4	CD
DELTAPINE S.L.	3.52	CDE	BLIGHTMASTER	1.74	DEF	STONEVILLE 7A	7.9	DE
AUBURN 56	3.51	DE	PARROTT	1.72	EF	AUSTIN	7.8	DE
PARROTT	3.46	E	N. STAR 5	1.69	F	GREGG 35	7.8	DE
LANKART 57	3.19	F	LANKART 57	1.61	G	N. STAR 5	7.5	E

A			D		
BLIGHTMASTER	500	A	AUBURN 56	45	A
AUSTIN	494	AB	BLIGHTMASTER	45	A
GREGG 35	494	AB	AUSTIN	44	A
LOCKETT 4789	481	ABC	LOCKETT 4789	43	AB
N. STAR 5	479	BC	N. STAR 5	42	AB
AUBURN 56	477	BC	GREGG 35	41	ABC
PAYMASTER 101A	474	BC	LANKART 57	41	ABC
DELTAPINE S.L.	473	BC	STONEVILLE 7A	41	ABC
STONEVILLE 7A	470	C	DELTAPINE S.L.	40	ABC
LANKART 57	466	CD	PAYMASTER 101A	37	BC
PARROTT	449	D	PARROTT	35	C

## 1964 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	•	•	BOLL SIZE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
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BROWNFIELD, TEXAS

DELTAPINE S.L.	619A	5.57	82	33.6	10.9	.54	1.16	116
PAYMASTER 101A	564AB	6.91	66	34.8	11.7	.51	1.05	111
PARROTT	551AB	7.35	62	34.2	11.9	.52	1.06	95
GREGG 35	520 BC	6.73	67	31.4	14.0	.54	1.09	127
AUSTIN	485 BCD	7.71	59	35.1	14.5	.55	1.15	117
BLIGHTMASTER	485 BCD	6.17	74	32.7	12.2	.54	1.14	115
LOCKETT 4789	464 CDE	7.15	64	32.8	13.1	.55	1.15	119
STONEVILLE 7A	451 CDE	5.99	76	32.9	12.0	.55	1.19	118
LANKART 57	434 DE	8.58	53	33.2	16.2	.53	1.09	91
AUBURN 56	417 DE	6.49	70	33.1	12.9	.57	1.19	114
N. STAR 5	398 E	6.75	67	34.7	12.5	.52	1.12	108

LUBBOCK, TEXAS

DELTAPINE S.L.	825A	5.10	89	37.1	10.6	.55	1.17	116
BLIGHTMASTER	801AB	5.60	81	35.6	11.6	.50	1.08	106
PARROTT	795AB	6.44	71	37.8	11.7	.51	1.01	101
PAYMASTER 101A	768AB	5.71	80	36.9	11.2	.51	1.03	111
STONEVILLE 7A	757AB	5.29	86	36.8	11.5	.58	1.23	115
AUSTIN	743AB	6.33	72	38.1	12.5	.51	1.09	111
GREGG 35	740AB	5.37	85	34.9	11.8	.51	1.04	119
AUBURN 56	716AB	5.50	83	35.6	11.7	.55	1.15	118
LANKART 57	715AB	7.54	60	37.9	14.2	.52	1.07	99
N. STAR 5	711 B	6.59	69	38.1	11.6	.52	1.09	110
LOCKETT 4789	690 B	5.77	79	35.4	11.6	.53	1.13	117

HALFWAY, TEXAS

AUSTIN	911A	5.59	81	37.4	11.1	.43	1.05	98
STONEVILLE 7A	911A	3.97	115	37.6	9.2	.45	1.10	97
PAYMASTER 101A	861AB	4.78	97	38.4	9.9	.45	.99	97
AUBURN 56	847ABC	4.46	102	36.6	10.1	.49	1.05	114
N. STAR 5	823ABC	5.95	77	36.1	11.2	.45	1.07	86
DELTAPINE S.L.	809ABC	4.57	100	38.3	9.5	.47	1.13	105
BLIGHTMASTER	808ABC	4.44	104	36.1	10.9	.45	1.05	88
LOCKETT 4789	808ABC	4.87	93	36.9	11.2	.49	1.10	96
PARROTT	772 BC	4.96	93	38.7	10.4	.45	.99	92
LANKART 57	749 C	5.77	79	39.8	12.0	.46	1.09	85

ALTUS, OKLAHOMA

DELTAPINE S.L.	841A	5.16	88	34.7	10.4	.53	1.15	121
N. STAR 5	739 B	6.40	71	36.2	12.0	.46	1.01	102
STONEVILLE 7A	734 B	5.24	87	33.1	10.5	.54	1.20	119
AUBURN 56	727 B	5.94	77	32.7	12.1	.54	1.16	119
LANKART 57	654 BC	8.42	54	35.3	14.5	.46	1.03	97
BLIGHTMASTER	653 BC	5.62	82	33.4	12.0	.52	1.11	120
LOCKETT 4789	644 BC	6.48	71	32.1	12.9	.52	1.12	115
PAYMASTER 101A	594 CD	6.24	73	33.5	12.0	.49	1.02	117
PARROTT	583 CD	5.84	78	36.1	10.0	.50	1.00	108
AUSTIN	530 D	6.20	74	32.2	12.6	.53	1.12	114
GREGG 35	508 D	5.74	79	30.9	12.3	.50	1.07	131

## 1964 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•
	GINNED LINT		MICRO-		DRAWING		TO		T1		E1
	UHM • MEAN		NAIRE		SLIVER						A
	•	•	•	•	UHM • MEAN						D
	•	•	•	•	•	•	•	•	•	•	•

BROWNFIELD, TEXAS

DELTAPINE S.L.	1.19	1.02	3.90	1.24	1.03	31.5	17.9	13.7	504	56
PAYMASTER 101A	1.05	.91	4.13	1.07	.90	33.1	17.9	10.9	487	35
PARROTT	1.04	.91	4.46	1.08	.89	30.5	16.8	12.1	454	38
GREGG 35	1.12	.99	4.13	1.11	.93	37.5	20.8	9.7	484	42
AUSTIN	1.16	1.00	4.11	1.18	.96	33.6	18.2	9.5	492	55
BLIGHTMASTER	1.18	1.01	3.57	1.13	.92	31.7	17.2	11.4	530	61
LOCKETT 4789	1.17	1.02	4.37	1.17	.96	31.9	17.7	10.2	485	47
STONEVILLE 7A	1.24	1.06	3.92	1.22	.95	33.8	18.6	9.7	490	58
LANKART 57	1.09	.95	4.54	1.12	.91	27.8	14.5	13.6	466	48
AUBURN 56	1.19	1.02	3.87	1.25	1.10	31.1	17.9	13.3	506	54
N. STAR 5	1.13	.95	3.96	1.09	.86	32.3	16.4	9.1	498	48

LUBBOCK, TEXAS

DELTAPINE S.L.	1.18	1.02	3.87	1.23	1.03	32.7	18.3	11.7	497	48
BLIGHTMASTER	1.12	.98	3.96	1.14	.93	32.3	16.4	9.6	522	47
PARROTT	.98	.83	5.27	1.06	.87	32.4	17.3	8.9	434	38
PAYMASTER 101A	.94	.72	4.36	1.06	.90	34.8	18.3	9.3	492	49
STONEVILLE 7A	1.21	1.04	4.23	1.25	1.03	34.2	17.4	8.7	472	45
AUSTIN	1.13	.97	4.17	1.16	.94	34.2	17.3	8.6	488	54
GREGG 35	1.06	.92	3.88	1.07	.85	38.0	19.7	8.5	494	47
AUBURN 56	1.14	.99	4.12	1.13	.88	33.3	18.1	9.8	496	54
LANKART 57	1.11	.96	4.40	1.12	.91	28.0	15.6	11.7	479	50
N. STAR 5	1.02	.82	3.99	1.11	.88	35.9	18.3	8.4	497	45
LOCKETT 4789	1.11	.94	4.11	1.16	.89	34.0	17.8	8.8	510	53

HALFWAY, TEXAS

AUSTIN	1.04	.83	3.05	1.06	.79	32.3	16.3	9.8	581	61
STONEVILLE 7A	1.06	.84	3.29	1.14	.91	33.5	17.3	9.3	561	66
PAYMASTER 101A	.98	.81	3.44	1.01	.81	32.0	16.9	10.3	557	73
AUBURN 56	1.07	.85	3.31	1.11	.85	31.0	17.0	11.1	558	76
N. STAR 5	1.03	.79	3.11	1.03	.79	31.4	15.5	9.5	572	72
DELTAPINE S.L.	1.11	.87	3.49	1.13	.87	32.4	17.6	12.1	534	58
BLIGHTMASTER	1.05	.86	3.29	1.05	.78	30.7	14.8	11.7	576	75
LOCKETT 4789	1.09	.88	3.44	1.11	.85	33.1	16.7	9.5	534	62
PARROTT	1.00	.83	3.57	1.05	.82	29.6	15.3	12.0	522	57
LANKART 57	1.02	.80	3.20	1.04	.80	29.0	14.7	12.5	549	65

ALTUS, OKLAHOMA

DELTAPINE S.L.	1.16	.98	4.72	1.20	.97	36.7	20.6	9.4	442	31
N. STAR 5	1.03	.87	4.94	1.06	.87	36.6	17.3	6.7	440	28
STONEVILLE 7A	1.21	1.04	4.80	1.24	.97	39.9	19.9	6.6	435	30
AUBURN 56	1.15	.98	4.62	1.19	.98	36.6	19.4	9.0	461	36
LANKART 57	1.06	.89	4.94	1.11	.90	32.9	17.2	10.0	432	27
BLIGHTMASTER	1.10	.94	4.58	1.13	.90	37.7	19.4	8.3	446	34
LOCKETT 4789	1.13	.96	4.83	1.16	.93	37.2	19.4	9.9	449	28
PAYMASTER 101A	1.04	.89	5.00	1.06	.87	40.7	19.8	6.9	436	22
PARROTT	1.00	.87	5.09	1.04	.88	36.6	17.9	7.2	428	24
AUSTIN	1.12	.97	4.72	1.17	.94	39.0	19.4	6.6	438	26
GREGG 35	1.08	.94	4.55	1.11	.90	40.6	21.2	7.1	460	27

## 1964 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	•	•	BOLL SIZE	•	•	•	•	•	•	•					
	•	YIELD	•	GRAMS	•	NO	•	LINT	•	SEED	•	SPAN LENGTH	•	22'S	
	•	LBS. LINT	•	PER	•	PER	•	PERCENT	•	INDEX	•	50	•	2.5	•
	•	PER ACRE	•	BOLL	•	LB.	•		•		•	PERCENT	•		•

MANGUM, OKLAHOMA

LANKART 57	269A	6.92	66	39.1	11.8	.46	.98	96
N. STAR 5	258A	5.92	77	37.9	12.0	.44	.92	94
STONEVILLE 7A	254A	4.92	93	36.0	10.0	.51	1.11	108
LOCKETT 4789	243A	6.10	75	36.9	11.2	.50	1.04	108
AUBURN 56	238AB	5.52	83	34.0	10.9	.47	1.03	108
GREGG 35	237AB	5.52	82	33.6	12.0	.50	1.03	113
PARROTT	234ABC	5.42	84	37.8	11.2	.45	.94	105
DELTAPINE S.L.	225ABC	4.88	94	37.6	11.0	.48	1.05	111
AUSTIN	215ABC	5.80	80	36.0	12.0	.49	1.07	110
BLIGHTMASTER	186 BC	4.96	92	34.5	10.1	.44	.94	106
PAYMASTER 101A	182 C	6.06	75	36.5	11.0	.45	.93	113

CHICKASHA, OKLAHOMA

DELTAPINE S.L.	1126A	5.88	78	38.0	11.0	.55	1.18	119
N. STAR 5	1098A	8.04	57	38.3	13.2	.49	1.01	102
BLIGHTMASTER	1033AB	6.96	66	37.1	12.5	.51	1.12	111
AUSTIN	1029AB	6.93	66	37.0	12.1	.51	1.13	110
STONEVILLE 7A	1018AB	5.77	79	38.5	9.7	.55	1.17	117
AUBURN 56	1016AB	6.44	71	36.2	11.3	.54	1.14	117
LOCKETT 4789	1005AB	6.84	66	37.1	11.5	.51	1.10	108
PAYMASTER 101A	911 BC	6.81	67	36.9	11.5	.50	.99	112
PARROTT	855 C	7.34	62	38.8	11.2	.49	1.00	104
GREGG 35	840 C	6.42	71	35.0	12.1	.51	1.03	120
LANKART 57	836 C	8.88	51	37.7	14.0	.51	1.07	99

MCGREGOR, TEXAS

PARROTT	465A	6.31	72	38.0	9.5	.41	.88	100
STONEVILLE 7A	430AB	4.67	98	38.5	8.8	.42	.97	97
AUBURN 56	401 BC	5.19	87	33.9	10.1	.40	.97	106
LANKART 57	368 CD	6.68	68	41.3	11.0	.39	.92	97
LOCKETT 4789	367 CD	5.53	82	35.4	9.8	.41	.97	101
PAYMASTER 101A	357 CDE	6.07	75	35.9	10.2	.40	.90	107
DELTAPINE S.L.	348 DE	4.70	97	38.0	8.3	.42	.97	98
BLIGHTMASTER	345 DE	5.38	85	35.8	9.0	.37	.91	95
N. STAR 5	320 DEF	5.63	81	36.5	9.5	.37	.87	93
GREGG 35	313 EF	5.54	82	30.3	10.6	.40	.92	114
AUSTIN	293 F	5.45	84	35.9	9.8	.37	.92	96



## 1964 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT UHM	MEAN	MICRO- NAIRE	DRAWING SLIVER UHM	MEAN	TO	T1	E1	A	D
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MANGUM, OKLAHOMA

LANKART 57	.94	.79	5.14	1.02	.83	35.9	18.3	9.3	417	25
N. STAR 5	.99	.84	4.97	.98	.80	41.1	17.9	6.1	416	25
STONEVILLE 7A	1.11	.93	5.14	1.14	.95	37.8	18.3	7.3	417	24
LOCKETT 4789	1.07	.90	4.84	1.07	.86	39.7	19.0	7.7	428	26
AUBURN 56	1.06	.90	4.61	1.10	.90	38.4	18.3	7.7	440	25
GREGG 35	1.02	.86	4.59	1.02	.81	43.4	20.9	7.2	436	24
PARROTT	.93	.81	5.04	.98	.83	39.0	18.6	7.3	423	23
DELTAPINE S.L.	1.06	.89	5.14	1.11	.92	38.7	19.2	8.4	411	20
AUSTIN	1.04	.88	4.93	1.07	.86	40.6	17.7	6.6	439	30
BLIGHTMASTER	.94	.79	4.51	.97	.78	41.2	18.4	6.9	450	25
PAYMASTER 101A	.96	.82	5.07	1.00	.80	43.6	19.2	7.1	421	21

CHICKASHA, OKLAHOMA

DELTAPINE S.L.	1.17	.99	4.74	1.19	.93	35.5	18.6	10.1	450	35
N. STAR 5	1.06	.92	4.97	1.08	.90	35.4	17.8	6.9	428	34
BLIGHTMASTER	1.10	.93	4.37	1.13	.89	35.3	18.1	8.5	471	34
AUSTIN	1.11	.93	4.03	1.14	.90	37.0	17.9	7.8	477	40
STONEVILLE 7A	1.20	1.02	4.62	1.20	.95	35.8	18.2	8.1	444	31
AUBURN 56	1.16	1.00	4.67	1.17	.95	35.6	18.3	8.5	456	34
LOCKETT 4789	1.10	.94	4.52	1.16	.96	36.4	18.8	8.1	459	37
PAYMASTER 101A	1.00	.86	5.01	1.04	.88	36.8	18.0	8.1	433	28
PARROTT	1.03	.90	4.71	1.06	.90	35.8	17.8	7.5	438	36
GREGG 35	1.05	.90	4.39	1.08	.91	40.7	20.9	7.1	461	29
LANKART 57	1.10	.95	4.78	1.11	.92	31.9	16.3	10.2	439	28

MCGREGOR, TEXAS

PARROTT	.91	.79	4.71	.98	.84	38.2	16.6	7.1	442	28
STONEVILLE 7A	1.00	.82	4.24	1.02	.82	40.1	15.8	5.9	470	36
AUBURN 56	1.00	.82	3.72	1.00	.80	39.9	18.5	6.7	421	40
LANKART 57	.94	.77	4.01	1.00	.85	38.0	16.4	8.3	485	44
LOCKETT 4789	.98	.81	3.82	1.04	.88	41.1	16.9	6.6	506	47
PAYMASTER 101A	.92	.76	4.06	.98	.83	44.6	18.2	6.3	493	35
DELTAPINE S.L.	.99	.82	4.22	.99	.79	39.2	18.4	7.7	477	30
BLIGHTMASTER	.91	.73	3.69	.98	.81	42.0	17.4	6.4	509	42
N. STAR 5	.87	.72	3.85	.96	.79	40.5	15.1	5.9	500	46
GREGG 35	.92	.77	3.38	1.02	.88	44.3	18.8	5.7	554	52
AUSTIN	.95	.76	3.45	.98	.77	39.8	15.7	5.8	544	45

1964 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	• • YIELD • LBS./LINT • PER ACRE	• • BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB.	• • LINT • PERCENT	• • SEED • INDEX	• • SPAN LENGTH • 50 • 2.5 • PERCENT	• • 22'S

VARIETIES COMBINING LOCATIONS

HOPICALA	1282A	7.17	64	36.3	13.5	.53	1.14	133
E-364	1213A	6.85	66	35.0	13.7	.54	1.19	130
STRAIN A	1200AB	6.34	72	35.4	12.2	.52	1.12	124
5548	1195AB	7.08	64	34.9	12.9	.56	1.17	136
AUBURN 56	1189AB	5.94	77	34.6	11.8	.49	1.09	104
ACALA 1517V	1180AB	6.94	66	34.4	13.8	.56	1.23	139
ACALA 4-42	1173AB	7.75	59	36.9	13.9	.54	1.13	130
ACALA 1517D	1156AB	7.08	64	33.2	14.3	.57	1.22	138
DELTAPINE S.L.	1156AB	5.61	81	36.7	10.3	.49	1.10	107
STONEVILLE 7A	1148AB	5.60	81	35.7	11.1	.50	1.12	104
ACALA 66	1039 B	7.47	61	34.7	14.1	.53	1.13	125

SUBREGIONAL SUMMARY COMBINING UNIVERSITY PARK, ARTESIA, EL PASO, LOGANDALE, AND PAHRUMP

HOPICALA	1342A	7.27	63	36.0	12.9	.53	1.14	130
ACALA 1517V	1233AB	7.14	64	34.3	13.5	.55	1.22	135
E-364	1228AB	6.96	65	35.0	13.6	.53	1.18	128
ACALA 4-42	1218AB	7.93	58	36.9	13.5	.52	1.12	125
5548	1215AB	7.18	63	35.0	12.4	.55	1.16	132
AUBURN 56	1187AB	5.90	77	34.2	11.6	.48	1.09	105
STRAIN A	1174AB	6.30	72	35.3	11.9	.51	1.12	122
DELTAPINE S.L.	1173AB	5.57	82	36.2	10.0	.47	1.09	104
ACALA 1517D	1168AB	7.20	63	33.1	14.0	.55	1.20	132
STONEVILLE 7A	1133AB	5.67	80	35.0	11.1	.50	1.13	103
ACALA 66	1008 B	7.60	60	33.7	14.0	.52	1.12	120

SUBREGIONAL SUMMARY COMBINING BRAWLEY, YUMA, AND MARANA

E-364	1252A	6.47	70	35.0	13.6	.55	1.18	133
HOPICALA	1246A	6.85	67	36.2	13.8	.53	1.14	134
STRAIN A	1242A	6.10	74	35.0	12.5	.53	1.12	126
STONEVILLE 7A	1232A	5.31	86	36.5	11.2	.51	1.12	105
AUBURN 56	1219A	5.76	80	34.6	12.1	.50	1.09	100
5548	1194A	6.67	69	34.1	13.2	.57	1.19	142
ACALA 1517D	1188A	6.69	68	32.8	14.7	.60	1.24	147
ACALA 4-42	1165A	7.23	63	36.8	14.2	.56	1.15	137
DELTAPINE S.L.	1154A	5.39	84	37.2	10.6	.51	1.13	110
ACALA 1517V	1134A	6.43	71	34.3	13.8	.57	1.23	146
ACALA 66	1082A	6.83	67	34.8	13.8	.55	1.14	132

LOCATIONS COMBINING VARIETIES

LOCATION	• • YIELD • LBS./LINT • PER ACRE	• • BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB.	• • LINT • PERCENT	• • SEED • INDEX	• • SPAN LENGTH • 50 • 2.5 • PERCENT	• • 22'S

U. PK., N. MEX.	1500	7.02	66	34.2	12.2	.50	1.14	116
BRAWLEY, CAL.	1450	5.95	77	33.6	12.7	.54	1.16	133
YUMA, ARIZ.	1199	6.34	72	35.4	13.9	.53	1.15	127
LOGANDALE, NEV.	1194	6.65	69	34.6	12.5	.51	1.15	123
ARTESIA, N. M.	1187	7.06	66	36.2	12.9	.53	1.15	122
EL PASO, TEX.	1094	6.55	70	37.1	12.5	.55	1.17	128
SHAFTER, CAL.	1061	7.43	62	36.7	13.7	.55	1.15	129
PAHRUMP, NEV.	970	6.68	69	32.7	12.8	.50	1.11	118
MARANA, ARIZ.	927	6.73	68	36.6	12.6	.56	1.17	125

1964 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	GINNED LINT		MICRO- NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
	.	.	.	.	.	.	.	.	.	.

VARIETIES COMBINING LOCATIONS

HOPICALA	1.14	.96	4.19	1.18	.97	4.09	2.16	7.7	476	32
E-364	1.19	.99	4.15	1.22	.99	4.06	2.07	7.6	482	29
STRAIN A	1.11	.93	4.39	1.16	.95	3.88	2.00	7.8	464	30
5548	1.16	.98	4.11	1.22	1.00	4.13	2.18	7.7	484	33
AUBURN 56	1.07	.89	4.06	1.12	.90	3.41	1.70	9.0	474	35
ACALA 1517V	1.22	1.02	3.99	1.26	1.02	4.13	2.13	7.4	495	31
ACALA 4-42	1.12	.95	4.23	1.18	.98	3.94	2.10	8.3	483	37
ACALA 1517D	1.21	1.02	4.28	1.26	1.04	4.04	2.19	8.1	476	30
DELTAPINE S.L.	1.08	.88	3.91	1.12	.89	3.45	1.75	9.7	475	34
STONEVILLE 7A	1.12	.91	3.93	1.14	.91	3.49	1.65	7.9	466	33
ACALA 66	1.13	.96	4.33	1.18	.98	3.88	2.06	8.0	474	39

SUBREGIONAL SUMMARY COMBINING UNIVERSITY PARK, ARTESIA, EL PASO, LOGANDALE, AND PAHRUMP

HOPICALA	1.14	.95	3.96	1.20	.98	3.98	2.09	8.4	495	36
ACALA 1517V	1.22	1.02	3.85	1.26	1.01	3.96	2.05	8.1	512	34
E-364	1.19	.99	3.96	1.23	.99	3.90	2.05	8.1	496	33
ACALA 4-42	1.12	.95	4.00	1.18	.97	3.81	2.04	9.0	499	41
5548	1.16	.97	3.92	1.22	1.00	4.00	2.13	8.2	497	39
AUBURN 56	1.07	.89	3.69	1.13	.90	3.30	1.68	9.7	490	38
STRAIN A	1.11	.94	4.07	1.16	.95	3.72	1.93	8.5	485	36
DELTAPINE S.L.	1.08	.88	3.19	1.12	.90	3.36	1.72	10.7	505	43
ACALA 1517D	1.20	1.01	4.10	1.27	1.05	3.89	2.13	8.8	491	32
STONEVILLE 7A	1.12	.91	3.22	1.14	.90	3.37	1.64	8.5	496	42
ACALA 66	1.12	.95	4.12	1.18	.98	3.74	1.98	8.5	490	42

SUBREGIONAL SUMMARY COMBINING BRAWLEY, YUMA, AND MARANA

E-364	1.18	.99	4.36	1.22	.99	4.29	2.10	7.0	464	23
HOPICALA	1.14	.96	4.44	1.17	.95	4.25	2.28	7.1	453	26
STRAIN A	1.11	.92	4.76	1.15	.95	4.11	2.10	7.2	439	23
STONEVILLE 7A	1.12	.92	4.88	1.14	.92	3.72	1.67	7.1	420	23
AUBURN 56	1.07	.88	4.60	1.11	.88	3.62	1.69	7.8	451	28
5548	1.17	.97	4.26	1.22	1.01	4.35	2.28	7.1	469	28
ACALA 1517D	1.24	1.04	4.50	1.27	1.03	4.29	2.29	7.3	457	27
ACALA 4-42	1.13	.96	4.48	1.19	.99	4.14	2.19	7.8	467	30
DELTAPINE S.L.	1.09	.89	4.90	1.11	.87	3.66	1.80	8.3	429	22
ACALA 1517V	1.23	1.02	4.16	1.26	1.02	4.41	2.24	6.7	474	27
ACALA 66	1.14	.97	4.63	1.18	.97	4.12	2.18	7.6	450	34

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT		MICRO- NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
	.	.	.	.	.	.	.	.	.	.

U. PK., N. MEX.	1.13	.93	3.74	1.17	.93	3.74	1.97	8.9	511	42
BRAWLEY, CAL.	1.15	.95	4.66	1.18	.94	4.31	2.16	6.7	447	23
YUMA, ARIZ.	1.13	.94	4.49	1.18	.96	4.14	2.08	7.2	450	28
LOGANDALE, NEV.	1.15	.95	3.90	1.22	1.00	3.99	2.04	8.0	474	30
ARTESIA, N. M.	1.15	.95	3.88	1.19	.95	3.56	1.85	9.3	507	41
EL PASO, TEX.	1.16	.99	4.35	1.23	1.04	3.78	2.03	8.7	468	31
SHAFTER, CAL.	1.15	.97	4.52	1.19	.97	3.88	2.02	7.0	461	28
PAHRUMP, NEV.	1.11	.94	3.25	1.14	.91	3.57	1.85	8.9	518	45
MARANA, ARIZ.	1.15	.97	4.48	1.19	.98	3.81	1.98	8.2	459	28

1964 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
ACALA 4-42	7.75	A	DELTAPINE S.L.	81	A	ACALA 4-42	36.9	A
ACALA 66	7.47	B	STONEVILLE 7A	81	A	DELTAPINE S.L.	36.7	AB
HOPICALA	7.17	C	AUBURN 56	77	B	HOPICALA	36.3	ABC
ACALA 1517D	7.08	CD	STRAIN A	72	C	STONEVILLE 7A	35.7	BCD
5548	7.08	CD	ACALA 1517V	66	D	STRAIN A	35.4	CDE
ACALA 1517V	6.94	CD	E-364	66	D	E-364	35.0	DE
E-364	6.85	D	ACALA 1517D	64	D	5548	34.9	DE
STRAIN A	6.34	E	HOPICALA	64	D	ACALA 66	34.7	DE
AUBURN 56	5.94	F	5548	64	D	AUBURN 56	34.6	DE
DELTAPINE S.L.	5.61	G	ACALA 66	61	E	ACALA 1517V	34.4	E
STONEVILLE 7A	5.60	G	ACALA 4-42	59	E	ACALA 1517D	33.2	F

SEED INDEX			SPAN LENGTH, 50 PERCENT			SPAN LENGTH, 2.5 PERCENT		
ACALA 1517D	14.3	A	ACALA 1517D	.57	A	ACALA 1517V.	1.23	A
ACALA 66	14.1	AB	5548	.56	A	ACALA 1517D	1.22	A
ACALA 4-42	13.9	ABC	ACALA 1517V	.56	A	E-364	1.19	B
ACALA 1517V	13.8	BC	ACALA 4-42	.54	B	5548	1.17	C
E-364	13.7	BC	E-364	.54	B	HOPICALA	1.14	D
HOPICALA	13.5	C	HOPICALA	.53	BC	ACALA 4-42	1.13	D
5548	12.9	D	ACALA 66	.53	BC	ACALA 66	1.13	D
STRAIN A	12.2	E	STRAIN A	.52	C	STONEVILLE 7A	1.12	D
AUBURN 56	11.8	F	STONEVILLE 7A	.50	D	STRAIN A	1.12	D
STONEVILLE 7A	11.1	G	AUBURN 56	.49	D	DELTAPINE S.L.	1.10	E
DELTAPINE S.L.	10.3	H	DELTAPINE S.L.	.49	D	AUBURN 56	1.09	E

22'S			GINNED LINT, UHM			GINNED LINT, MEAN		
ACALA 1517V	139	A	ACALA 1517V	1.22	A	ACALA 1517D	1.02	A
ACALA 1517D	138	A	ACALA 1517D	1.21	AB	ACALA 1517V	1.02	A
5548	136	AB	E-364	1.19	B	E-364	.99	B
HOPICALA	133	BC	5548	1.16	C	5548	.98	BC
ACALA 4-42	130	C	HOPICALA	1.14	CD	HOPICALA	.96	CD
E-364	130	C	ACALA 66	1.13	DE	ACALA 66	.96	CD
ACALA 66	125	D	ACALA 4-42	1.12	DE	ACALA 4-42	.95	DE
STRAIN A	124	D	STONEVILLE 7A	1.12	DE	STRAIN A	.93	EF
DELTAPINE S.L.	107	E	STRAIN A	1.11	E	STONEVILLE 7A	.91	FG
AUBURN 56	104	E	DELTAPINE S.L.	1.08	F	AUBURN 56	.89	GH
STONEVILLE 7A	104	E	AUBURN 56	1.07	F	DELTAPINE S.L.	.88	H



1964 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

MICRONAIRE		DRAWING SLIVER, UHM		DRAWING SLIVER, MEAN	
STRAIN A	4.39 A	ACALA 1517D	1.26 A	ACALA 1517D	1.04 A
ACALA 66	4.33 A	ACALA 1517V	1.26 A	ACALA 1517V	1.02 AB
ACALA 1517D	4.28 A	5548	1.22 B	5548	1.00 BC
ACALA 4-42	4.23 A	E-364	1.22 B	E-364	.99 BC
HOPICALA	4.19 A	ACALA 4-42	1.18 C	ACALA 4-42	.98 CD
E-364	4.15 A	HOPICALA	1.18 C	ACALA 66	.98 CD
5548	4.11 A	ACALA 66	1.18 C	HOPICALA	.97 CD
AUBURN 56	4.06 A	STRAIN A	1.16 C	STRAIN A	.95 D
ACALA 1517V	3.99 A	STONEVILLE 7A	1.14 D	STONEVILLE 7A	.91 E
STONEVILLE 7A	3.93 A	AUBURN 56	1.12 E	AUBURN 56	.90 E
DELTAPINE S.L.	3.91 A	DELTAPINE S.L.	1.12 E	DELTAPINE S.L.	.89 E

T0		T1		E1	
5548	4.13 A	ACALA 1517D	2.19 A	DELTAPINE S.L.	9.7 A
ACALA 1517V	4.13 A	5548	2.18 A	AUBURN 56	9.0 B
HOPICALA	4.09 A	HOPICALA	2.16 AB	ACALA 4-42	8.3 C
E-364	4.06 A	ACALA 1517V	2.13 ABC	ACALA 1517D	8.1 CD
ACALA 1517D	4.04 A	ACALA 4-42	2.10 BC	ACALA 66	8.0 CDE
ACALA 4-42	3.94 B	E-364	2.07 C	STONEVILLE 7A	7.9 DE
STRAIN A	3.88 B	ACALA 66	2.06 CD	STRAIN A	7.8 DEF
ACALA 66	3.88 B	STRAIN A	2.00 D	HOPICALA	7.7 DEF
STONEVILLE 7A	3.49 C	DELTAPINE S.L.	1.75 E	5548	7.7 DEF
DELTAPINE S.L.	3.45 C	AUBURN 56	1.70 EF	E-364	7.6 EF
AUBURN 56	3.41 C	STONEVILLE 7A	1.65 F	ACALA 1517V	7.4 F

A		D	
ACALA 1517V	495 A	ACALA 66	39 A
5548	484 AB	ACALA 4-42	37 AB
ACALA 4-42	483 AB	AUBURN 56	35 ABC
E-364	482 AB	DELTAPINE S.L.	34 ABC
ACALA 1517D	476 BC	STONEVILLE 7A	33 BC
HOPICALA	476 BC	5548	33 BC
DELTAPINE S.L.	475 BC	HOPICALA	32 BC
AUBURN 56	474 BC	ACALA 1517V	31 BC
ACALA 66	474 BC	ACALA 1517D	30 C
STONEVILLE 7A	466 C	STRAIN A	30 C
STRAIN A	464 C	E-364	29 C



## 1964 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB. •	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S •
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SHAFTER, CALIFORNIA

STRAIN A	1206A	7.23	63	36.9	13.0	.55	1.13	130
AUBURN 56	1112AB	6.72	68	36.1	11.9	.50	1.10	108
5548	1098AB	7.83	58	36.8	14.5	.56	1.18	138
HOPICALA	1091AB	7.61	60	38.0	15.2	.57	1.15	145
DELTAPINE S.L.	1080AB	6.47	71	37.5	10.7	.51	1.11	113
ACALA 66	1067AB	8.75	52	39.3	15.1	.55	1.15	128
ACALA 1517V	1055AB	7.48	61	35.1	15.0	.59	1.22	141
E-364	1019 B	7.48	61	35.1	14.3	.59	1.21	133
ACALA 1517D	1000 B	7.70	59	34.6	15.2	.59	1.20	147
ACALA 4-42	975 B	8.40	54	37.6	14.9	.56	1.13	137
STONEVILLE 7A	971 B	6.08	75	37.0	11.3	.51	1.11	106

BRAWLEY, CALIFORNIA

STRAIN A	1872A	6.00	76	33.7	12.2	.53	1.13	134
ACALA 1517D	1558 B	6.40	71	31.7	14.0	.59	1.25	152
ACALA 66	1480 BC	6.45	71	34.2	13.1	.56	1.14	133
AUBURN 56	1450 BC	5.30	87	33.4	11.5	.47	1.07	108
ACALA 4-42	1446 BC	6.50	70	35.6	14.2	.55	1.15	144
5548	1405 BC	6.20	74	33.0	12.7	.58	1.21	147
E-364	1404 BC	6.15	74	33.8	13.1	.54	1.17	137
HOPICALA	1368 BC	6.35	72	34.3	13.5	.55	1.16	146
DELTAPINE S.L.	1348 BC	5.15	89	34.2	10.5	.49	1.11	109
ACALA 1517V	1342 BC	5.90	77	32.3	13.8	.57	1.23	153
STONEVILLE 7A	1279 C	5.00	91	33.8	11.0	.49	1.12	102

YUMA, ARIZONA

STONEVILLE 7A	1533A	5.40	84	37.1	11.8	.51	1.12	103
DELTAPINE S.L.	1316 B	5.42	84	38.7	11.0	.51	1.13	111
HOPICALA	1291 BC	6.79	67	36.6	14.6	.51	1.12	132
STRAIN A	1282 BC	6.15	74	35.3	13.6	.53	1.12	125
AUBURN 56	1281 BC	5.90	77	35.1	13.2	.48	1.07	93
5548	1156 BCD	6.62	69	33.5	13.9	.50	1.14	141
ACALA 4-42	1136 CD	7.33	62	36.8	15.2	.55	1.15	132
E-364	1131 CD	6.30	72	35.3	14.3	.55	1.18	132
ACALA 66	1057 DE	6.89	66	34.3	15.1	.56	1.15	137
ACALA 1517D	1042 DE	6.49	70	32.5	15.9	.58	1.22	152
ACALA 1517V	960 E	6.46	71	34.6	14.5	.56	1.23	147

## 1964 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					

SHAFTER, CALIFORNIA

STRAIN A	1.10	.91	4.87	1.15	.97	39.7	20.2	6.1	436	26
AUBURN 56	1.09	.91	4.29	1.13	.91	33.7	18.3	8.7	465	36
5548	1.19	1.02	4.61	1.22	1.00	41.4	21.6	6.8	467	24
HOPICALA	1.16	.99	4.58	1.19	.98	42.3	21.2	6.7	452	27
DELTAPINE S.L.	1.10	.89	4.53	1.14	.93	33.0	17.3	9.2	463	25
ACALA 66	1.16	1.02	4.44	1.20	1.00	38.7	21.1	6.6	473	37
ACALA 1517V	1.20	.99	4.19	1.24	1.01	42.0	22.4	6.3	479	28
E-364	1.22	1.04	4.42	1.24	.99	41.3	20.8	6.6	464	26
ACALA 1517D	1.20	1.02	4.57	1.25	1.03	40.5	21.7	7.0	460	27
ACALA 4-42	1.12	.97	4.64	1.16	.98	39.9	21.5	6.3	455	36
STONEVILLE 7A	1.10	.91	4.61	1.15	.93	34.5	16.3	7.4	456	22

BRAWLEY, CALIFORNIA

STRAIN A	1.14	.95	4.93	1.17	.94	43.3	21.9	6.6	429	19
ACALA 1517D	1.27	1.08	4.57	1.27	1.00	44.9	24.6	6.6	458	18
ACALA 66	1.15	.98	4.79	1.18	.96	43.8	22.6	6.7	434	34
AUBURN 56	1.04	.83	4.74	1.08	.83	39.1	17.2	7.4	448	26
ACALA 4-42	1.14	.95	4.53	1.20	.98	43.1	23.0	7.0	460	27
5548	1.19	1.00	4.42	1.23	1.01	46.2	24.5	6.6	468	27
E-364	1.16	.96	4.44	1.22	1.01	45.7	21.8	6.4	464	20
HOPICALA	1.16	.98	4.57	1.17	.91	43.7	23.4	6.6	444	25
DELTAPINE S.L.	1.06	.86	5.03	1.10	.86	38.9	18.5	7.3	420	19
ACALA 1517V	1.23	1.02	4.25	1.25	.99	47.0	23.6	6.3	471	22
STONEVILLE 7A	1.10	.87	5.06	1.13	.90	38.8	16.5	6.3	421	22

YUMA, ARIZONA

STONEVILLE 7A	1.12	.92	5.04	1.15	.93	37.3	16.7	6.9	413	24
DELTAPINE S.L.	1.11	.91	5.03	1.14	.91	36.8	17.1	8.5	416	18
HOPICALA	1.09	.90	4.22	1.13	.93	44.0	23.1	6.9	463	28
STRAIN A	1.08	.90	4.92	1.15	.96	42.3	22.0	6.8	434	28
AUBURN 56	1.08	.89	4.44	1.11	.89	35.9	16.6	7.4	449	27
5548	1.16	.96	3.98	1.19	.96	43.8	23.3	6.7	481	29
ACALA 4-42	1.13	.96	4.47	1.18	.99	41.8	21.3	8.0	456	31
E-364	1.17	.99	4.24	1.20	.96	43.1	21.5	7.0	458	28
ACALA 66	1.13	.96	4.50	1.18	.98	42.0	22.4	7.4	453	37
ACALA 1517D	1.24	1.05	4.54	1.28	1.07	43.7	22.4	7.3	458	27
ACALA 1517V	1.20	.97	4.02	1.24	1.02	44.5	23.1	6.5	469	32

## 1964 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY								
	• YIELD	• BOLL SIZE	•	•	•	•	•	•
	• LBS. LINT	• GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	•	• 22'S
	• PER ACRE	• PER	• PER	• PERCENT	• INDEX	• 50 . 2.5	•	•
		• BOLL	• LB.	•		• PERCENT	•	

MARANA, ARIZONA

E-364	1222A	6.97	66	36.0	13.5	.55	1.20	132
ACALA 1517V	1101 B	6.92	66	35.9	13.2	.58	1.24	139
HOPICALA	1080 B	7.42	61	37.6	13.5	.54	1.13	123
5548	1021 BC	7.18	64	36.0	13.2	.63	1.22	139
ACALA 1517D	964 CD	7.17	64	34.1	14.3	.64	1.26	136
AUBURN 56	925 CD	6.07	75	35.3	11.8	.55	1.14	100
ACALA 4-42	914 CD	7.87	58	37.9	13.4	.57	1.16	134
STONEVILLE 7A	885 DE	5.54	82	38.7	10.8	.53	1.13	112
DELTAPINE S.L.	798 EF	5.60	81	38.8	10.3	.54	1.14	110
ACALA 66	710 F	7.14	64	35.9	13.2	.54	1.13	127
STRAIN A	573 G	6.17	74	36.1	11.8	.54	1.11	118

UNIVERSITY PARK, NEW MEXICO

E-364	1876A	7.11	64	33.8	13.4	.52	1.19	126
ACALA 1517V	1830AB	7.62	60	34.5	12.9	.56	1.25	132
HOPICALA	1744ABC	7.72	59	35.3	12.5	.51	1.12	128
ACALA 4-42	1640ABCD	8.35	55	36.7	12.7	.50	1.12	119
5548	1518ABCDE	7.39	62	33.4	12.0	.54	1.18	134
AUBURN 56	1463 BCDE	6.32	72	33.3	11.5	.47	1.08	93
ACALA 1517D	1406 CDE	7.48	61	31.6	14.1	.53	1.18	129
STONEVILLE 7A	1376 CDE	5.87	78	35.1	10.9	.48	1.11	93
STRAIN A	1328 DE	6.13	74	34.8	11.4	.49	1.10	114
DELTAPINE S.L.	1198 E	5.45	84	35.4	9.5	.45	1.09	93
ACALA 66	1117 E	7.81	58	32.3	13.1	.48	1.11	114

ARTESIA, NEW MEXICO

STONEVILLE 7A	1373A	6.04	76	37.1	11.7	.49	1.15	104
AUBURN 56	1310AB	5.70	81	35.1	11.1	.48	1.09	106
DELTAPINE S.L.	1297AB	5.64	81	37.3	10.8	.47	1.11	102
STRAIN A	1296AB	6.57	69	37.1	12.1	.52	1.12	128
HOPICALA	1278AB	7.70	59	37.8	14.0	.54	1.19	131
5548	1228ABC	7.40	62	37.0	12.2	.55	1.15	126
ACALA 1517V	1208ABC	7.34	62	35.7	13.7	.54	1.22	138
ACALA 4-42	1119 BCD	8.67	53	37.3	13.6	.55	1.15	127
ACALA 1517D	1063 CDE	7.43	61	34.1	14.4	.56	1.21	133
E-364	989 DE	7.27	63	35.8	13.9	.54	1.18	131
ACALA 66	898 E	7.90	58	34.7	14.9	.55	1.14	123

## 1964 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT UHM	MEAN	MICRO- NAIRE	DRAWING SLIVER UHM	MEAN	TO	T1	E1	A	D
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MARANA, ARIZONA

E-364	1.22	1.02	4.40	1.23	1.00	40.0	19.6	7.8	469	21
ACALA 1517V	1.27	1.06	4.20	1.28	1.06	40.9	20.5	7.4	481	26
HOPICALA	1.16	1.01	4.55	1.20	1.00	39.8	22.0	7.7	452	26
5548	1.15	.96	4.40	1.24	1.05	40.5	20.7	8.2	458	28
ACALA 1517D	1.20	1.00	4.38	1.26	1.04	40.1	21.8	8.1	455	37
AUBURN 56	1.08	.92	4.63	1.14	.92	33.5	17.1	8.6	456	30
ACALA 4-42	1.13	.96	4.45	1.20	1.00	39.3	21.5	8.5	484	32
STONEVILLE 7A	1.14	.97	4.55	1.15	.93	35.5	17.0	8.2	426	23
DELTAPINE S.L.	1.09	.91	4.65	1.10	.84	34.2	18.3	9.0	452	29
ACALA 66	1.13	.97	4.60	1.18	.98	37.9	20.5	8.7	464	30
STRAIN A	1.11	.92	4.43	1.14	.95	37.7	19.3	8.3	454	22

UNIVERSITY PARK, NEW MEXICO

E-364	1.20	1.01	3.89	1.23	.98	40.0	20.9	8.1	501	26
ACALA 1517V	1.22	.98	3.88	1.26	1.00	39.6	20.8	7.8	499	32
HOPICALA	1.12	.94	3.94	1.19	.97	40.9	21.9	8.1	493	35
ACALA 4-42	1.12	.94	3.63	1.18	.97	38.0	20.9	9.2	522	48
5548	1.18	.98	3.98	1.24	1.01	41.8	22.4	8.4	494	36
AUBURN 56	1.05	.83	3.67	1.10	.84	31.7	16.4	10.4	528	46
ACALA 1517D	1.19	.98	3.97	1.26	1.04	37.9	21.2	9.1	498	43
STONEVILLE 7A	1.10	.88	3.65	1.10	.83	32.9	15.5	8.9	505	42
STRAIN A	1.07	.91	3.64	1.13	.89	37.2	19.6	8.5	520	46
DELTAPINE S.L.	1.03	.81	3.47	1.06	.82	33.2	17.3	10.9	535	52
ACALA 66	1.13	.95	3.47	1.16	.94	38.4	20.4	8.2	531	57

ARTESIA, NEW MEXICO

STONEVILLE 7A	1.15	.91	3.90	1.17	.92	31.7	16.1	8.8	505	49
AUBURN 56	1.08	.89	4.28	1.15	.94	31.9	16.6	10.4	480	33
DELTAPINE S.L.	1.10	.89	3.90	1.17	.98	30.8	16.2	11.0	503	42
STRAIN A	1.13	.93	4.04	1.15	.93	36.4	18.4	9.0	484	36
HOPICALA	1.17	.96	3.69	1.21	.96	38.4	19.7	8.8	516	39
5548	1.15	.96	3.88	1.17	.93	38.5	19.9	8.6	502	45
ACALA 1517V	1.23	1.01	3.69	1.24	.96	38.8	19.4	8.9	526	37
ACALA 4-42	1.13	.94	3.86	1.19	.97	36.3	18.8	9.9	512	45
ACALA 1517D	1.22	1.02	3.82	1.29	1.08	36.8	20.5	9.1	512	38
E-364	1.17	.95	3.68	1.18	.90	37.1	19.3	8.5	522	45
ACALA 66	1.14	.97	3.95	1.17	.94	35.1	18.5	9.1	513	47

## 1964 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	• YIELD	• BOLL SIZE	•	•	•	•	•	•
	• LBS•LINT	• GRAMS • NO	• LINT	• SEED	• SPAN LENGTH	•	•	•
	• PER ACRE	• PER • PER	• PERCENT	INDEX	50 • 2.5	•	PERCENT	22'S
		• BOLL • LB.						

EL PASO, TEXAS

E-364	1188A	6.78	67	36.6	13.6	.56	1.21	138
HOPICALA	1169A	6.88	66	37.9	12.9	.54	1.15	138
ACALA 1517V	1164AB	6.82	67	37.3	13.5	.60	1.26	142
5548	1127ABC	6.87	66	37.1	12.9	.58	1.20	136
STRAIN A	1109ABC	6.15	74	37.0	12.1	.54	1.14	124
ACALA 4-42	1094ABC	7.62	60	37.7	13.2	.56	1.16	135
AUBURN 56	1066ABC	5.87	78	36.9	11.9	.53	1.13	113
ACALA 1517D	1048ABC	6.73	68	34.6	13.4	.59	1.24	137
DELTAPINE S.L.	1027 BC	5.56	82	39.0	9.8	.51	1.12	110
STONEVILLE 7A	1026 BC	5.49	83	38.9	10.8	.55	1.16	113
ACALA 66	1012 C	7.34	62	35.8	13.7	.54	1.15	127

LOGANDALE, NEVADA

HOPICALA	1475A	7.22	63	37.4	12.5	.51	1.11	130
DELTAPINE S.L.	1418A	5.88	77	36.6	9.8	.46	1.08	107
ACALA 4-42	1343AB	6.72	68	39.0	13.4	.52	1.11	125
ACALA 1517D	1185 BC	7.03	65	32.3	13.9	.55	1.22	137
ACALA 66	1183 BC	7.98	57	34.7	14.3	.54	1.15	120
STRAIN A	1171 BC	6.37	72	34.3	12.4	.53	1.17	121
STONEVILLE 7A	1142 BCD	5.60	82	33.3	10.9	.49	1.13	103
AUBURN 56	1135 BCD	5.48	83	33.4	11.2	.48	1.08	109
5548	1121 CD	7.22	63	33.1	12.5	.53	1.16	136
E-364	1029 CD	6.55	69	34.7	13.8	.52	1.20	128
ACALA 1517V	936 D	7.17	64	32.6	13.1	.53	1.24	140

PAHRUMP, NEVADA

ACALA 1517D	1137A	7.33	62	33.2	14.2	.53	1.16	125
5548	1081AB	7.05	65	34.5	12.5	.54	1.14	129
E-364	1057ABC	7.09	64	34.3	13.5	.53	1.15	118
HOPICALA	1046ABC	6.84	67	31.8	12.8	.54	1.16	125
ACALA 1517V	1026ABC	6.75	68	31.6	14.2	.53	1.15	123
STRAIN A	967 BCD	6.27	73	33.5	11.5	.50	1.06	123
AUBURN 56	959 BCD	6.15	74	32.5	12.1	.45	1.06	106
DELTAPINE S.L.	925 BCD	5.35	85	32.7	10.3	.47	1.07	108
ACALA 4-42	893 CDE	8.30	55	33.8	14.6	.50	1.09	121
ACALA 66	828 DE	6.97	65	30.9	14.2	.51	1.08	118
STONEVILLE 7A	748 E	5.38	85	31.0	11.1	.48	1.09	104



## 1964 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					

EL PASO, TEXAS

E-364	1.22	1.02	4.17	1.28	1.08	39.0	21.6	8.0	474	36
HOPICALA	1.14	.97	4.24	1.21	1.03	41.0	22.3	8.6	474	28
ACALA 1517V	1.26	1.08	4.08	1.32	1.13	39.6	21.5	7.8	494	28
5548	1.19	1.02	4.18	1.26	1.08	40.1	22.2	7.6	476	38
STRAIN A	1.13	.97	4.52	1.20	1.02	37.3	20.1	8.4	450	21
ACALA 4-42	1.14	.98	4.18	1.22	1.03	37.8	20.8	9.1	479	36
AUBURN 56	1.11	.95	4.40	1.17	.98	32.9	17.3	9.7	472	42
ACALA 1517D	1.20	1.00	4.32	1.30	1.09	40.3	22.5	8.6	476	26
DELTAPINE S.L.	1.13	.96	4.46	1.16	.96	34.7	17.9	11.3	470	31
STONEVILLE 7A	1.14	.96	4.68	1.18	.97	35.9	17.3	8.3	444	28
ACALA 66	1.14	.97	4.68	1.21	1.05	38.1	20.0	8.7	447	31

LOGANDALE, NEVADA

HOPICALA	1.12	.94	4.26	1.20	.99	42.0	20.8	7.8	475	27
DELTAPINE S.L.	1.08	.87	4.12	1.16	.93	34.9	18.1	9.7	476	35
ACALA 4-42	1.11	.94	4.47	1.19	.97	41.8	21.9	8.2	463	32
ACALA 1517D	1.22	1.03	4.29	1.29	1.06	42.3	22.4	8.0	481	26
ACALA 66	1.13	.94	4.67	1.24	1.05	39.3	21.0	8.1	453	35
STRAIN A	1.16	.97	4.52	1.23	1.04	39.2	19.6	7.5	456	25
STONEVILLE 7A	1.14	.93	2.17	1.18	.94	35.1	17.1	7.9	477	34
AUBURN 56	1.06	.89	2.12	1.14	.91	36.1	17.5	8.6	477	30
5548	1.16	.96	4.04	1.25	1.03	42.5	21.9	7.8	490	30
E-364	1.22	1.00	4.23	1.28	1.05	42.5	21.9	7.6	475	28
ACALA 1517V	1.25	1.04	4.04	1.30	1.03	43.6	22.6	7.4	499	31

PAHRUMP, NEVADA

ACALA 1517D	1.17	1.03	4.09	1.20	.99	37.4	20.1	9.1	487	28
5548	1.13	.94	3.54	1.20	.98	37.1	20.2	8.6	525	45
E-364	1.15	.99	3.85	1.18	.93	36.6	19.1	8.2	508	33
HOPICALA	1.15	.97	3.68	1.19	.96	36.5	20.0	8.5	517	52
ACALA 1517V	1.15	.99	3.54	1.20	.96	36.2	18.4	8.7	541	41
STRAIN A	1.09	.94	3.65	1.11	.89	36.0	18.7	9.1	518	52
AUBURN 56	1.07	.89	3.99	1.09	.84	32.5	16.5	9.7	495	42
DELTAPINE S.L.	1.06	.87	.00	1.07	.82	34.2	16.6	10.7	543	57
ACALA 4-42	1.10	.96	3.86	1.14	.92	36.9	19.5	8.6	518	45
ACALA 66	1.08	.93	3.84	1.14	.94	36.4	18.9	8.6	505	44
STONEVILLE 7A	1.08	.88	1.70	1.08	.85	33.0	15.8	8.7	548	58

1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB.	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S
CAROLINA QUEEN	1036A	6.76 68	38.4	11.9	.53 1.14	109
AUBURN 56	969 B	6.79 67	36.2	12.4	.52 1.11	108
COKER 58-117	936 BC	6.62 69	37.2	11.6	.55 1.16	121
COKER 61-413	928 BC	6.03 76	37.4	11.4	.56 1.19	126
DELTAPINE S.L.	926 BC	5.91 77	39.0	10.4	.52 1.12	114
PD 259	901 BCD	7.17 63	37.4	13.6	.55 1.16	127
STONEVILLE 7A	899 BCD	6.06 75	38.6	11.4	.53 1.13	109
AHA DER.	888 CD	6.96 66	35.0	12.7	.55 1.11	119
PD 165	877 CD	6.78 68	38.9	13.6	.57 1.22	134
MO.59 1021C	873 CD	6.91 66	35.4	13.1	.53 1.15	116
ATLAS 163	853 DE	6.78 67	35.0	13.6	.54 1.08	127
DELTAPINE 523	850 DE	5.88 78	35.3	12.0	.56 1.13	126
ATLAS 155	846 DE	6.35 72	33.5	13.1	.55 1.10	134
ATLAS 182	803 EF	6.70 68	34.8	13.2	.54 1.12	128
ACALA 4-42	758 F	7.63 60	39.3	13.2	.54 1.13	122
GEORGIA 4	665 G	7.67 59	33.8	14.1	.56 1.13	141

LOCATIONS COMBINING VARIETIES

LOCATION	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB.	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S
STO'VILLE, MISS.	1259	6.78 67	35.5	13.2	.56 1.14	137
FLORENCE S. C.	1146	6.77 68	37.2	12.4	.55 1.14	121
ST. JOSEPH, LA.	985	6.62 69	34.9	13.5	.56 1.17	121
TIFTON, GA.	891	7.38 62	35.6	13.2	.56 1.17	128
B'LA MINA, ALA.	811	6.94 66	39.5	12.6	.53 1.12	120
EXPERIMENT, GA.	810	6.34 72	36.7	10.9	.54 1.14	117
EXPT. GA., NO.2	724	6.41 71	35.5	11.7	.53 1.11	121
ROCKY MT. N. C.	707	6.78 68	38.9	12.4	.52 1.10	116
PORT'VILLE, MO.	545	6.16 75	35.4	13.3	.54 1.14	122

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
GEORGIA 4	7.67	A	DELTAPINE 523	78	A	ACALA 4-42	39.3	A
ACALA 4-42	7.63	A	DELTAPINE S.L.	77	A	DELTAPINE S.L.	39.0	AB
PD 259	7.17	B	COKER 61-413	76	A	PD 165	38.9	AB
AHA DER.	6.96	BC	STONEVILLE 7A	75	A	STONEVILLE 7A	38.6	AB
MO.59 1021C	6.91	BC	ATLAS 155	72	B	CAROLINA QUEEN	38.4	B
AUBURN 56	6.79	CD	COKER 58-117	69	C	PD 259	37.4	C
PD 165	6.78	CD	CAROLINA QUEEN	68	C	COKER 61-413	37.4	C
ATLAS 163	6.78	CD	PD 165	68	C	COKER 58-117	37.2	C
CAROLINA QUEEN	6.76	CD	ATLAS 182	68	C	AUBURN 56	36.2	D
ATLAS 182	6.70	CD	AUBURN 56	67	C	MO.59 1021C	35.4	E
COKER 58-117	6.62	D	ATLAS 163	67	C	DELTAPINE 523	35.3	E
ATLAS 155	6.35	E	AHA DER.	66	C	ATLAS 163	35.0	E
STONEVILLE 7A	6.06	F	MO.59 1021C	66	C	AHA DER.	35.0	E
COKER 61-413	6.03	F	PD 259	63	D	ATLAS 182	34.8	E
DELTAPINE S.L.	5.91	F	ACALA 4-42	60	E	GEORGIA 4	33.8	F
DELTAPINE 523	5.88	F	GEORGIA 4	59	E	ATLAS 155	33.5	F

1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT		MICRO- NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
CAROLINA QUEEN	1.15	.99	4.46	1.20	1.00	3.44	1.78	7.9	459	37
AUBURN 56	1.11	.95	4.30	1.16	.97	3.29	1.73	9.1	471	40
COKER 58-117	1.15	.99	4.11	1.20	1.01	3.52	1.92	9.0	483	37
COKER 61-413	1.21	1.04	4.07	1.25	1.03	3.72	1.97	7.2	480	39
DELTAPINE S.L.	1.12	.96	4.44	1.17	.98	3.38	1.83	10.2	465	34
PD 259	1.16	1.01	4.46	1.21	1.02	4.02	2.08	6.8	452	28
STONEVILLE 7A	1.14	.97	4.66	1.19	.99	3.50	1.77	8.0	444	32
AHA DER.	1.11	.97	4.58	1.16	1.00	3.68	1.95	7.9	449	29
PD 165	1.24	1.07	4.57	1.27	1.04	4.25	2.22	6.4	445	32
MO.59 1021C	1.14	.97	4.15	1.19	.98	3.67	1.99	8.7	469	38
ATLAS 163	1.08	.95	4.68	1.15	.99	3.83	2.14	7.8	444	28
DELTAPINE 523	1.13	1.00	4.30	1.19	1.02	3.59	1.97	8.1	474	33
ATLAS 155	1.10	.97	4.46	1.16	.99	4.11	2.22	7.5	458	28
ATLAS 182	1.13	1.00	4.49	1.18	1.02	3.84	2.05	7.8	459	31
ACALA 4-42	1.13	.98	3.86	1.19	1.02	3.60	2.00	8.8	477	47
GEORGIA 4	1.14	.99	4.48	1.19	1.02	4.54	2.45	6.5	450	28

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT		MICRO- NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
STO'VILLE, MISS.	1.17	1.03	4.66	1.22	1.05	4.16	2.21	7.5	440	27
FLORENCE S. C.	1.14	.99	4.06	1.20	1.01	3.47	1.91	9.0	481	41
ST. JOSEPH, LA.	1.18	1.02	4.47	1.20	1.00	3.84	2.01	7.0	454	30
TIFTON, GA.	1.19	1.05	4.23	1.25	1.07	3.56	1.96	8.3	477	37
B'LA MINA, ALA.	1.13	.96	4.13	1.18	.98	3.92	2.03	7.9	441	27
EXPERIMENT, GA.	1.13	.99	3.81	1.18	1.01	3.56	1.90	8.3	498	48
EXPT. GA., NO.2	1.10	.95	4.04	1.17	.99	3.76	2.05	8.8	477	41
ROCKY MT. N. C.	1.09	.94	4.64	1.14	.93	3.50	1.90	7.8	444	28
PORT'VILLE, MO.	1.12	.96	4.77	1.19	1.01	3.97	2.07	7.3	439	26

SEED INDEX			SPAN LENGTH, 50 PERCENT			SPAN LENGTH, 2.5 PERCENT		
GEORGIA 4	14.1	A	PD 165	.57	A	PD 165	1.22	A
PD 259	13.6	B	GEORGIA 4	.56	AB	COKER 61-413	1.19	B
PD 165	13.6	B	COKER 61-413	.56	AB	PD 259	1.16	C
ATLAS 163	13.6	B	DELTAPINE 523	.56	AB	COKER 58-117	1.16	C
ACALA 4-42	13.2	BC	PD 259	.55	BC	MO.59 1021C	1.15	CD
ATLAS 182	13.2	BC	ATLAS 155	.55	BC	CAROLINA QUEEN	1.14	CDE
ATLAS 155	13.1	CD	AHA DER.	.55	BC	ACALA 4-42	1.13	DEF
MO.59 1021C	13.1	CD	COKER 58-117	.55	BC	STONEVILLE 7A	1.13	DEF
AHA DER.	12.7	DE	ACALA 4-42	.54	CD	GEORGIA 4	1.13	DEF
AUBURN 56	12.4	EF	ATLAS 182	.54	CD	DELTAPINE 523	1.13	DEF
DELTAPINE 523	12.0	FG	ATLAS 163	.54	CD	DELTAPINE S.L.	1.12	EFG
CAROLINA QUEEN	11.9	G	STONEVILLE 7A	.53	DE	ATLAS 182	1.12	EFG
COKER 58-117	11.6	GH	CAROLINA QUEEN	.53	DE	AUBURN 56	1.11	FG
STONEVILLE 7A	11.4	H	MO.59 1021C	.53	DE	AHA DER.	1.11	FG
COKER 61-413	11.4	H	AUBURN 56	.52	E	ATLAS 155	1.10	GH
DELTAPINE S.L.	10.4	I	DELTAPINE S.L.	.52	E	ATLAS 163	1.08	H

1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

22'S

GEORGIA 4	141	A
PD 165	134	B
ATLAS 155	134	B
ATLAS 182	128	C
PD 259	127	CD
ATLAS 163	127	CD
COKER 61-413	126	CDE
DELTAPINE 523	126	CDE
ACALA 4-42	122	DEF
COKER 58-117	121	DEF
AHA DER.	119	FG
MO.59 1021C	116	GH
DELTAPINE S.L.	114	H
STONEVILLE 7A	109	I
CAROLINA QUEEN	109	I
AUBURN 56	108	I

GINNED LINT, UHM

PD 165	1.24	A
COKER 61-413	1.21	B
PD 259	1.16	C
CAROLINA QUEEN	1.15	CD
COKER 58-117	1.15	CD
STONEVILLE 7A	1.14	CDE
GEORGIA 4	1.14	CDE
MO.59 1021C	1.14	CDE
ACALA 4-42	1.13	DEF
ATLAS 182	1.13	DEF
DELTAPINE 523	1.13	DEF
DELTAPINE S.L.	1.12	EFG
AUBURN 56	1.11	FG
AHA DER.	1.11	FG
ATLAS 155	1.10	GH
ATLAS 163	1.08	H

GINNED LINT, MEAN

PD 165	1.07	A
COKER 61-413	1.04	B
PD 259	1.01	C
ATLAS 182	1.00	CD
DELTAPINE 523	1.00	CD
CAROLINA QUEEN	.99	CDE
GEORGIA 4	.99	CDE
COKER 58-117	.99	CDE
ACALA 4-42	.98	DEF
STONEVILLE 7A	.97	EFG
ATLAS 155	.97	EFG
AHA DER.	.97	EFG
MO.59 1021C	.97	EFG
DELTAPINE S.L.	.96	FG
AUBURN 56	.95	G
ATLAS 163	.95	G

MICRONAIRE

ATLAS 163	4.68	A
STONEVILLE 7A	4.66	AB
AHA DER.	4.58	ABC
PD 165	4.57	ABC
ATLAS 182	4.49	BC
GEORGIA 4	4.48	C
CAROLINA QUEEN	4.46	CD
PD 259	4.46	CD
ATLAS 155	4.46	CD
DELTAPINE S.L.	4.44	CD
AUBURN 56	4.30	DE
DELTAPINE 523	4.30	DE
MO.59 1021C	4.15	EF
COKER 58-117	4.11	F
COKER 61-413	4.07	F
ACALA 4-42	3.86	G

DRAWING SLIVER, UHM

PD 165	1.27	A
COKER 61-413	1.25	B
PD 259	1.21	C
CAROLINA QUEEN	1.20	CD
COKER 58-117	1.20	CD
ACALA 4-42	1.19	CDE
STONEVILLE 7A	1.19	CDE
GEORGIA 4	1.19	CDE
MO.59 1021C	1.19	CDE
DELTAPINE 523	1.19	CDE
ATLAS 182	1.18	DEF
DELTAPINE S.L.	1.17	EFG
AUBURN 56	1.16	FG
ATLAS 155	1.16	FG
AHA DER.	1.16	FG
ATLAS 163	1.15	G

DRAWING SLIVER, MEAN

PD 165	1.04	A
COKER 61-413	1.03	AB
ACALA 4-42	1.02	ABC
PD 259	1.02	ABC
GEORGIA 4	1.02	ABC
ATLAS 182	1.02	ABC
DELTAPINE 523	1.02	ABC
COKER 58-117	1.01	BCD
CAROLINA QUEEN	1.00	CDE
AHA DER.	1.00	CDE
STONEVILLE 7A	.99	DEF
ATLAS 155	.99	DEF
ATLAS 163	.99	DEF
DELTAPINE S.L.	.98	EF
MO.59 1021C	.98	EF
AUBURN 56	.97	F



1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

T0		
GEORGIA 4	4.54	A
PD 165	4.25	B
ATLAS 155	4.11	C
PD 259	4.02	C
ATLAS 182	3.84	D
ATLAS 163	3.83	D
COKER 61-413	3.72	DE
AHA DER.	3.68	EF
MO.59 1021C	3.67	EF
ACALA 4-42	3.60	EFG
DELTAPINE 523	3.59	FG
COKER 58-117	3.52	GH
STONEVILLE 7A	3.50	GHI
CAROLINA QUEEN	3.44	HI
DELTAPINE S.L.	3.38	IJ
AUBURN 56	3.29	J

T1		
GEORGIA 4	2.45	A
PD 165	2.22	B
ATLAS 155	2.22	B
ATLAS 163	2.14	C
PD 259	2.08	CD
ATLAS 182	2.05	DE
ACALA 4-42	2.00	EF
MO.59 1021C	1.99	EF
COKER 61-413	1.97	FG
DELTAPINE 523	1.97	FG
AHA DER.	1.95	FG
COKER 58-117	1.92	G
DELTAPINE S.L.	1.83	H
CAROLINA QUEEN	1.78	HI
STONEVILLE 7A	1.77	HI
AUBURN 56	1.73	I

E1		
DELTAPINE S.L.	10.2	A
AUBURN 56	9.1	B
COKER 58-117	9.0	BC
ACALA 4-42	8.8	BC
MO.59 1021C	8.7	C
DELTAPINE 523	8.1	D
STONEVILLE 7A	8.0	D
CAROLINA QUEEN	7.9	D
AHA DER.	7.9	D
ATLAS 182	7.8	DE
ATLAS 163	7.8	DE
ATLAS 155	7.5	EF
COKER 61-413	7.2	F
PD 259	6.8	G
GEORGIA 4	6.5	GH
PD 165	6.4	H

A		
COKER 58-117	483	A
COKER 61-413	480	AB
ACALA 4-42	477	AB
DELTAPINE 523	474	ABC
AUBURN 56	471	ABCD
MO.59 1021C	469	ABCD
DELTAPINE S.L.	465	BCDE
CAROLINA QUEEN	459	CDEF
ATLAS 182	459	CDEF
ATLAS 155	458	DEF
PD 259	452	EF
GEORGIA 4	450	EF
AHA DER.	449	F
PD 165	445	F
STONEVILLE 7A	444	F
ATLAS 163	444	F

D		
ACALA 4-42	47	A
AUBURN 56	40	B
COKER 61-413	39	B
MO.59 1021C	38	BC
CAROLINA QUEEN	37	BCD
COKER 58-117	37	BCD
DELTAPINE S.L.	34	CDE
DELTAPINE 523	33	DEF
STONEVILLE 7A	32	EFG
PD 165	32	EFG
ATLAS 182	31	EFG
AHA DER.	29	FG
PD 259	28	G
GEORGIA 4	28	G
ATLAS 155	28	G
ATLAS 163	28	G



## 1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	• • YIELD • LBS. LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB. •	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S
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PORTAGEVILLE, MISSOURI

COKER 61-413	686A	5.60	81	36.4	12.1	.55	1.18	117
AUBURN 56	676AB	6.45	71	37.0	12.4	.52	1.08	107
DELTAPINE S.L.	664AB	5.60	81	37.9	11.3	.54	1.12	114
STONEVILLE 7A	639ABC	5.20	88	37.6	11.6	.56	1.16	107
COKER 58-117	604ABCD	5.70	80	37.3	12.3	.53	1.16	120
MO.59 1021C	582 BCDE	6.70	68	33.9	14.1	.52	1.15	117
AHA DER.	567 CDE	5.40	86	33.8	13.2	.53	1.11	126
PD 259	541 DEF	7.70	59	36.7	13.9	.52	1.14	123
ATLAS 155	541 DEF	6.20	74	32.0	14.0	.54	1.10	134
PD 165	503 EFG	5.70	80	37.9	14.2	.55	1.18	136
ATLAS 182	467 FG	6.05	76	33.3	13.4	.56	1.14	128
ATLAS 163	453 FG	6.55	70	33.2	14.4	.55	1.10	128
DELTAPINE 523	429 GH	5.10	90	33.2	13.6	.56	1.13	129
ACALA 4-42	354 HI	7.00	65	37.9	13.8	.58	1.17	117
GEORGIA 4	309 I	7.40	61	31.3	15.3	.57	1.17	144

STONEVILLE, MISSISSIPPI

DELTAPINE S.L.	1425A	5.69	80	39.2	10.2	.51	1.12	128
AUBURN 56	1402AB	6.74	68	35.2	12.7	.54	1.11	114
STONEVILLE 7A	1380ABC	6.04	75	38.2	11.2	.54	1.17	116
PD 259	1335ABC	7.09	64	36.2	13.5	.55	1.15	138
COKER 58-117	1328ABC	6.89	66	36.7	13.2	.55	1.15	136
CAROLINA QUEEN	1318ABC	6.80	67	36.5	13.0	.54	1.15	121
COKER 61-413	1279ABCD	6.19	74	36.0	12.8	.57	1.20	143
PD 165	1277ABCD	6.97	66	37.8	13.8	.58	1.20	151
DELTAPINE 523	1271ABCD	6.20	73	33.9	13.6	.60	1.17	142
MO.59 1021C	1253ABCD	6.75	67	34.6	13.9	.54	1.16	128
ACALA 4-42	1237 BCD	8.05	57	39.5	14.3	.58	1.15	139
ATLAS 163	1218 CD	7.17	63	33.7	14.2	.57	1.11	145
ATLAS 155	1136 D	6.59	69	31.3	13.4	.56	1.10	149
GEORGIA 4	848 E	7.45	61	31.4	13.8	.58	1.15	165

ST. JOSEPH, LOUISIANA

CAROLINA QUEEN	1180A	6.70	68	35.9	12.7	.55	1.17	106
DELTAPINE S.L.	1102AB	5.90	77	37.9	11.6	.55	1.17	106
COKER 58-117	1090ABC	6.35	72	34.8	12.4	.57	1.21	126
COKER 61-413	1088ABC	5.85	78	36.4	11.8	.57	1.23	133
DELTAPINE 523	1051ABCD	5.80	79	34.0	12.4	.57	1.18	125
AHA DER.	1047 BCD	6.80	67	33.4	13.7	.54	1.15	114
AUBURN 56	1010 BCDE	6.75	68	34.6	13.3	.55	1.16	104
STONEVILLE 7A	1006 BCDEF	5.90	77	35.8	12.6	.55	1.18	106
PD 259	982 BCDEFG	7.20	63	36.2	14.8	.57	1.18	135
ACALA 4-42	957 CDEFG	7.35	62	37.9	13.6	.54	1.15	108
ATLAS 155	919 DEFG	6.30	72	30.8	14.6	.58	1.14	134
PD 165	913 EFG	7.00	65	37.4	14.9	.59	1.22	131
ATLAS 163	908 EFG	6.25	73	33.4	13.9	.56	1.13	129
MO.59 1021C	903 EFG	6.75	68	35.3	13.7	.53	1.17	117
ATLAS 182	871 FG	7.00	65	33.3	14.9	.58	1.20	128
ATLAS 189	860 G	6.00	76	32.7	12.9	.56	1.14	129
GEORGIA 4	731 H	7.95	57	32.4	15.8	.58	1.15	135

## 1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT UHM . MEAN	MICRO- NAIRE	DRAWING SLIVER UHM . MEAN	TO	T1	E1	A	D
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PORTAGEVILLE, MISSOURI

COKER 61-413	1.17	.99	4.44	1.25	1.07	42.2	19.7	6.9	454	29
AUBURN 56	1.06	.92	4.97	1.12	.93	35.7	17.5	9.2	425	23
DELTAPINE S.L.	1.12	.97	4.85	1.19	1.01	34.8	18.9	9.8	436	26
STONEVILLE 7A	1.14	.97	4.99	1.19	.99	37.1	18.6	7.1	426	30
COKER 58-117	1.10	.95	4.74	1.19	1.03	37.0	20.2	8.4	459	24
MO.59 1021C	1.12	.94	4.57	1.18	.97	38.8	19.9	8.0	438	28
AHA DER.	1.11	.97	4.90	1.17	1.00	39.6	21.0	6.8	427	18
PD 259	1.15	.99	4.70	1.19	.99	42.1	20.9	5.6	435	22
ATLAS 155	1.08	.94	5.04	1.16	1.00	42.6	23.2	6.7	428	18
PD 165	1.20	1.02	4.88	1.25	1.04	44.2	22.8	5.6	425	27
ATLAS 182	1.10	.96	4.98	1.20	1.03	39.6	21.4	6.8	432	22
ATLAS 163	1.08	.93	5.09	1.13	.98	41.0	23.4	6.9	420	19
DELTAPINE 523	1.10	.98	4.73	1.20	1.05	37.4	20.4	7.5	446	27
ACALA 4-42	1.15	1.00	4.22	1.23	1.05	38.0	21.0	8.5	480	45
GEORGIA 4	1.11	.94	4.43	1.25	1.05	49.0	24.4	6.4	460	29

STONEVILLE, MISSISSIPPI

DELTAPINE S.L.	1.13	.98	4.74	1.18	1.00	36.4	19.5	9.9	455	39
AUBURN 56	1.14	.99	4.42	1.19	1.01	36.1	19.1	8.0	454	30
STONEVILLE 7A	1.17	1.00	4.97	1.22	1.05	38.3	19.0	7.7	419	33
PD 259	1.18	1.04	4.74	1.21	1.05	43.8	23.4	6.5	430	25
COKER 58-117	1.18	1.02	4.37	1.23	1.06	39.0	21.0	8.5	464	25
CAROLINA QUEEN	1.19	1.06	4.79	1.24	1.06	38.0	18.9	7.5	426	29
COKER 61-413	1.26	1.12	4.40	1.31	1.12	42.8	21.6	6.9	462	26
PD 165	1.24	1.09	4.91	1.28	1.07	47.0	24.5	6.3	429	25
DELTAPINE 523	1.17	1.04	4.68	1.24	1.09	40.5	22.0	7.1	443	26
MO.59 1021C	1.20	1.03	4.34	1.23	1.02	41.0	21.8	8.3	458	29
ACALA 4-42	1.16	1.03	4.27	1.23	1.08	39.9	22.1	8.7	440	35
ATLAS 163	1.10	.99	5.11	1.19	1.04	42.3	23.7	7.1	424	21
ATLAS 155	1.13	.99	4.80	1.17	1.00	44.9	24.3	6.8	431	22
GEORGIA 4	1.18	1.03	4.43	1.21	1.05	51.9	29.1	6.5	446	22

ST. JOSEPH, LOUISIANA

CAROLINA QUEEN .	1.22	1.06	4.71	1.21	.96	34.0	17.8	7.4	451	34
DELTAPINE S.L.	1.14	.97	4.75	1.15	.94	33.6	17.8	8.3	426	19
COKER 58-117	1.19	1.02	4.11	1.24	1.05	35.5	19.4	7.7	474	38
COKER 61-413	1.27	1.08	4.17	1.29	.99	41.0	20.4	6.3	477	34
DELTAPINE 523	1.18	1.04	4.28	1.23	1.06	36.7	19.2	7.0	469	33
AHA DER.	1.13	.97	4.82	1.17	1.00	37.4	19.3	6.9	436	26
AUBURN 56	1.16	1.00	4.50	1.17	.96	33.0	17.0	8.2	465	35
STONEVILLE 7A	1.17	.98	4.71	1.20	.95	35.4	17.6	7.5	442	30
PD 259	1.17	1.01	4.63	1.22	1.04	41.8	21.7	6.2	443	25
ACALA 4-42	1.14	.99	3.88	1.17	.96	33.3	18.6	7.8	507	45
ATLAS 155	1.14	1.02	4.30	1.17	1.01	43.8	23.4	6.6	447	24
PD 165	1.26	1.10	4.94	1.25	1.02	45.8	24.0	5.4	421	24
ATLAS 163	1.16	1.02	4.49	1.19	1.02	38.4	20.6	7.0	452	29
MO.59 1021C	1.16	.97	4.30	1.21	.98	36.8	20.0	7.7	460	36
ATLAS 182	1.18	1.03	4.68	1.20	1.01	40.8	20.8	6.3	448	25
GEORGIA 4	1.18	1.02	4.29	1.22	1.04	46.9	25.1	5.7	445	28

## 1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	• • YIELD • LBS•LINT • PER ACRE	• • BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB. •	• • LINT • PERCENT •	• • SEED • INDEX •	• • SPAN LENGTH • 50 • 2.5 • PERCENT •	• • 22'S •

BELLA MINA, ALABAMA

CAROLINA QUEEN	950A	6.94	66	41.5	11.5	.53	1.13	105
COKER 58-117	907AB	7.33	62	40.3	11.7	.52	1.12	109
STONEVILLE 7A	904AB	6.63	69	41.5	11.3	.54	1.13	106
AUBURN 56	862 BC	6.83	67	38.9	12.4	.51	1.10	106
AHA DER.	826 CD	7.33	62	38.1	13.1	.54	1.11	112
PD 259	824 CD	7.03	65	39.7	13.4	.55	1.17	132
ACALA 4-42	823 CD	7.98	57	42.3	13.6	.58	1.14	138
DELTAPINE S.L.	806 CDE	6.56	69	41.6	11.0	.50	1.09	108
MO.59 1021C	802 CDE	7.19	63	37.6	13.1	.50	1.14	110
DELTAPINE 523	802 CDE	6.37	71	39.5	11.9	.54	1.13	121
PD 165	790 CDE	6.92	66	41.4	13.7	.56	1.23	138
ATLAS 163	783 CDE	6.98	65	38.7	13.4	.53	1.06	123
COKER 61-413	746 DEF	6.10	75	38.0	12.0	.53	1.12	124
ATLAS 155	736 EF	6.35	72	37.2	12.8	.55	1.10	127
ATLAS 182	729 EF	6.71	68	37.8	12.8	.53	1.10	125
GEORGIA 4	686 F	7.87	58	38.4	13.8	.55	1.12	135
ATLAS 189	685 F	5.92	77	36.4	12.0	.51	1.07	129

TIFTON, GEORGIA

CAROLINA QUEEN	1133A	7.70	59	38.1	12.6	.55	1.19	114
ATLAS 189	1079A	6.40	71	34.7	12.9	.57	1.13	136
COKER 58-117	953 B	7.51	61	36.4	12.3	.57	1.21	130
AUBURN 56	950 B	7.79	59	34.4	13.7	.55	1.18	121
MO.59 1021C	950 B	7.55	60	34.3	13.7	.55	1.18	129
ATLAS 155	936 B	6.91	66	33.6	13.3	.56	1.11	133
ATLAS 163	929 BC	7.15	64	35.3	14.5	.54	1.08	131
COKER 61-413	917 BC	6.56	69	36.2	11.9	.62	1.26	129
PD 259	912 BC	7.97	57	35.5	14.7	.58	1.24	133
DELTAPINE S.L.	895 BCD	6.50	70	38.6	10.2	.52	1.13	123
AHA DER.	891 BCD	7.70	59	33.8	12.9	.54	1.12	119
PD 165	890 BCD	7.99	57	36.3	13.7	.63	1.30	148
ATLAS 182	883 BCD	7.54	60	34.5	14.1	.54	1.11	134
GEORGIA 4	800 CD	8.21	55	32.4	15.1	.57	1.14	140
STONEVILLE 7A	776 D	6.73	68	37.4	12.2	.57	1.19	116
ACALA 4-42	572 E	7.74	59	38.3	13.4	.56	1.14	126

EXPERIMENT, GEORGIA

CAROLINA QUEEN	931A	6.12	74	38.6	10.4	.51	1.12	99
COKER 58-117	894AB	6.34	72	37.2	9.8	.54	1.14	116
DELTAPINE 523	893AB	5.62	81	36.3	9.5	.55	1.12	123
AUBURN 56	889ABC	6.44	71	36.2	10.8	.51	1.11	108
STONEVILLE 7A	834 BCD	5.59	81	39.1	10.2	.53	1.11	103
COKER 61-413	831 BCD	5.85	78	38.0	9.6	.54	1.22	121
AHA DER.	828 BCD	6.87	66	35.4	10.8	.56	1.12	112
PD 165	824 BCD	6.48	70	39.7	12.4	.60	1.26	120
ATLAS 155	797 CDE	6.31	72	34.2	11.0	.54	1.09	128
ATLAS 163	797 CDE	6.64	69	34.2	12.5	.54	1.10	125
DELTAPINE S.L.	788 DE	5.42	84	37.3	9.0	.53	1.13	116
PD 259	788 DE	6.58	69	37.8	11.8	.55	1.15	114
ATLAS 182	765 DE	6.36	71	34.2	11.4	.54	1.11	123
MO.59 1021C	752 DE	6.44	71	35.0	11.3	.53	1.18	111
ACALA 4-42	723 E	7.02	65	39.7	11.8	.54	1.14	123
GEORGIA 4	631 F	7.33	62	34.1	12.1	.57	1.14	130

## 1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•
	•	GINNED LINT	•	MICRO-	DRAWING	•	TO	•	T1	•	E1
	•	UHM • MEAN	•	NAIRE	UHM • MEAN	•		•		•	A
	•	•	•	•	•	•		•		•	D

BELLA MINA, ALABAMA

CAROLINA QUEEN	1.13	.93	4.81	1.17	.95	36.5	18.0	7.8	433	21
COKER 58-117	1.15	.98	4.52	1.16	.93	37.5	19.7	8.7	449	30
STONEVILLE 7A	1.12	.95	5.07	1.18	.98	36.4	17.7	7.9	423	26
AUBURN 56	1.10	.91	4.71	1.15	.95	35.5	18.2	9.0	455	36
AHA DER.	1.11	.96	4.98	1.17	1.01	39.7	19.9	7.6	426	24
PD 259	1.16	1.00	4.63	1.21	1.02	41.8	20.7	6.8	449	25
ACALA 4-42	1.16	1.00	4.28	1.20	1.04	38.1	21.2	9.7	468	42
DELTAPINE S.L.	1.10	.92	4.93	1.15	.95	34.6	18.0	10.1	430	23
MO.59 1021C	1.16	.96	4.67	1.20	.95	38.4	20.3	8.4	450	29
DELTAPINE 523	1.17	1.01	4.57	1.19	.97	34.5	19.8	7.4	445	25
PD 165	1.24	1.03	4.68	1.30	1.06	44.5	22.8	6.5	442	31
ATLAS 163	1.03	.88	5.11	1.12	.95	41.0	21.2	7.8	421	17
COKER 61-413	1.13	.96	4.52	1.19	1.00	38.4	19.8	7.3	453	33
ATLAS 155	1.09	.94	4.69	1.14	.97	42.0	22.3	7.7	445	22
ATLAS 182	1.10	.96	4.64	1.17	1.00	40.5	20.7	7.7	448	29
GEORGIA 4	1.13	.96	4.94	1.18	1.00	48.3	25.1	5.9	417	20

TIFTON, GEORGIA

CAROLINA QUEEN	1.21	1.04	4.33	1.26	1.05	32.8	17.5	8.4	468	37
COKER 58-117	1.23	1.07	3.88	1.27	1.09	34.3	18.7	9.5	502	42
AUBURN 56	1.18	1.02	3.87	1.24	1.05	32.5	17.2	9.4	476	49
MO.59 1021C	1.20	1.04	3.99	1.25	1.06	35.1	20.1	9.0	502	40
ATLAS 155	1.13	1.00	4.44	1.20	1.07	39.9	21.4	7.9	469	29
ATLAS 163	1.08	.98	4.58	1.17	1.03	36.5	20.1	8.5	445	31
COKER 61-413	1.28	1.12	3.95	1.30	1.08	29.3	20.5	6.6	491	48
PD 259	1.25	1.09	4.42	1.29	1.09	38.2	20.2	7.0	470	35
DELTAPINE S.L.	1.16	1.01	4.23	1.20	1.03	34.3	18.4	10.8	490	29
AHA DER.	1.14	1.01	4.41	1.21	1.06	33.6	18.4	8.6	468	36
PD 165	1.34	1.16	4.25	1.37	1.15	41.7	21.7	6.6	467	41
ATLAS 182	1.16	1.02	4.51	1.23	1.09	36.7	20.2	8.4	469	34
GEORGIA 4	1.21	1.07	4.64	1.23	1.07	41.6	22.5	7.4	459	26
STONEVILLE 7A	1.22	1.09	4.46	1.27	1.08	35.1	17.9	8.3	456	35
ACALA 4-42	1.17	1.03	3.57	1.23	1.09	33.8	19.2	9.0	514	53

EXPERIMENT, GEORGIA

CAROLINA QUEEN	1.14	.99	3.49	1.19	1.02	31.3	16.2	8.5	514	61
COKER 58-117	1.16	1.02	3.63	1.19	1.02	33.5	18.1	9.0	522	52
DELTAPINE 523	1.10	.99	3.69	1.16	1.02	35.1	18.7	8.9	530	43
AUBURN 56	1.11	.97	3.65	1.15	.99	31.5	16.4	9.4	521	54
STONEVILLE 7A	1.12	.95	4.14	1.17	1.00	33.8	17.1	8.0	484	46
COKER 61-413	1.21	1.07	3.37	1.24	1.03	35.1	18.6	8.0	541	55
AHA DER.	1.09	.96	4.18	1.14	1.00	35.8	18.7	8.1	474	42
PD 165	1.26	1.10	4.19	1.27	1.02	38.6	20.8	6.9	468	39
ATLAS 155	1.09	.97	4.03	1.14	.99	38.7	20.9	7.7	489	39
ATLAS 163	1.07	.97	3.87	1.15	1.02	35.7	20.4	7.9	502	50
DELTAPINE S.L.	1.14	.99	3.74	1.17	1.01	33.1	18.5	10.7	519	52
PD 259	1.11	.99	3.99	1.17	.98	39.7	19.5	7.2	477	40
ATLAS 182	1.13	1.02	3.74	1.20	1.06	36.0	19.7	8.1	519	50
MO.59 1021C	1.12	.94	3.38	1.19	1.00	34.2	18.7	9.0	483	54
ACALA 4-42	1.16	1.01	3.38	1.21	1.05	35.7	19.7	8.8	489	57
GEORGIA 4	1.12	1.00	4.46	1.17	1.03	42.3	22.1	6.8	444	31



## 1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	• • YIELD • LBS•LINT • PER ACRE	• BOLL SIZE • GRAMS • NO • PER • PER • BOLL • LB. •	• LINT • PERCENT	• SEED • INDEX	• SPAN LENGTH • 50 • 2.5 • PERCENT	• 22'S
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EXPERIMENT, GEORGIA NO. 2

CAROLINA QUEEN	835A	6.54	70	37.4	11.2	.53	1.12	114
AUBURN 56	811AB	6.53	70	34.9	11.7	.52	1.12	107
PD 259	792ABC	6.66	69	36.2	12.7	.55	1.14	128
AHA DER.	776ABCD	6.82	67	34.5	11.6	.54	1.10	125
DELTAPINE S.L.	771ABCD	5.82	78	38.5	9.9	.51	1.11	109
MO.59 1021C	764ABCD	6.38	72	33.6	11.9	.52	1.11	112
STONEVILLE 7A	729ABCD	6.06	75	39.1	10.7	.51	1.10	111
COKER 58-117	727ABCD	6.24	73	35.5	10.9	.53	1.14	120
COKER 61-413	724ABCD	5.75	79	36.4	10.5	.56	1.19	121
PD 165	708 BCD	6.07	75	37.4	12.1	.53	1.17	125
ATLAS 163	687 CD	6.62	69	33.0	13.2	.54	1.07	131
ATLAS 155	684 CD	5.95	77	32.1	12.4	.53	1.06	133
DELTAPINE 523	683 CD	5.80	79	35.3	11.3	.56	1.09	123
ACALA 4-42	667 DE	7.59	60	38.2	12.0	.49	1.07	115
ATLAS 182	663 DE	6.46	71	33.6	12.3	.52	1.10	128
GEORGIA 4	567 E	7.28	63	33.0	12.8	.55	1.13	138

FLORENCE, SOUTH CAROLINA

CAROLINA QUEEN	1352A	6.91	66	39.0	11.4	.53	1.14	111
ATLAS 163	1258AB	6.73	68	36.2	13.7	.55	1.08	115
PD 165	1255AB	6.94	66	40.8	13.8	.59	1.24	135
PD 259	1252AB	7.19	63	39.1	13.9	.57	1.18	126
AUBURN 56	1241AB	6.90	66	36.2	12.7	.52	1.11	100
COKER 58-117	1181 BC	6.73	68	37.4	10.8	.58	1.18	117
COKER 61-413	1181 BC	6.27	73	38.7	11.0	.56	1.19	128
AHA DER.	1169 BC	7.32	62	35.7	12.9	.57	1.13	113
MO.59 1021C	1164 BC	7.14	64	36.6	13.2	.54	1.16	116
DELTAPINE S.L.	1133 BC	5.74	80	39.1	10.1	.52	1.13	116
ATLAS 155	1106 CD	6.25	73	34.1	13.7	.58	1.13	142
STONEVILLE 7A	1082 CDE	6.24	73	39.1	11.0	.51	1.08	110
DELTAPINE 523	1073 CDE	5.55	82	35.1	11.3	.58	1.14	124
ATLAS 189	1072 CDE	5.74	79	34.2	12.4	.57	1.12	135
ATLAS 182	997 DEF	6.68	68	35.3	13.0	.55	1.14	123
ACALA 4-42	963 EF	7.91	58	39.1	12.7	.51	1.09	119
GEORGIA 4	929 F	7.84	58	34.0	13.9	.56	1.12	143

ROCKY MOUNT, NORTH CAROLINA

CAROLINA QUEEN	912A	6.87	66	41.8	11.7	.53	1.12	104
COKER 61-413	900A	6.11	75	40.7	11.0	.54	1.16	115
AUBURN 56	880A	6.69	68	38.4	12.2	.49	1.06	103
ATLAS 155	758 B	6.26	73	36.6	12.6	.52	1.05	126
COKER 58-117	741 B	6.50	70	39.6	10.8	.54	1.12	114
STONEVILLE 7A	740 B	6.16	74	40.1	11.6	.51	1.11	106
PD 165	734 BC	6.93	66	41.2	13.6	.54	1.20	127
MO.59 1021C	685 BCD	7.28	63	37.6	13.4	.53	1.13	107
ATLAS 182	681 BCDE	6.71	68	38.0	13.0	.52	1.08	122
PD 259	679 BCDE	7.11	64	39.5	13.4	.52	1.13	118
ATLAS 163	642 CDE	6.91	66	37.4	13.1	.53	1.04	121
AHA DER.	620 DE	7.39	62	36.8	12.7	.54	1.10	115
DELTAPINE 523	590 EF	5.87	78	36.6	12.0	.54	1.09	115
ACALA 4-42	522 FG	8.07	56	40.7	13.4	.54	1.12	115
GEORGIA 4	487 G	7.69	59	37.0	14.3	.51	1.08	141



## 1964 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	•
	GINNED LINT		MICRO-		DRAWING		TO	T1		E1	A
	UHM • MEAN		NAIRE		SLIVER						D
	•		•		UHM • MEAN		•	•	•	•	•

EXPERIMENT, GEORGIA NO. 2

CAROLINA QUEEN	1.10	.93	4.18	1.20	1.00	35.5	19.0	8.9	483	45
AUBURN 56	1.09	.94	3.79	1.16	.99	32.1	17.6	9.8	504	54
PD 259	1.15	1.01	4.17	1.20	1.03	40.6	21.6	7.7	469	37
AHA DER.	1.10	.94	4.11	1.15	1.00	36.9	20.6	8.8	467	34
DELTAPINE S.L.	1.07	.91	4.04	1.15	.96	33.5	18.5	10.9	475	46
MO.59 1021C	1.10	.92	3.75	1.15	.94	37.8	20.8	9.7	501	45
STONEVILLE 7A	1.08	.91	4.59	1.16	.96	35.1	18.3	8.6	444	33
COKER 58-117	1.13	.97	3.94	1.20	1.01	35.7	19.6	10.6	498	41
COKER 61-413	1.20	1.03	3.88	1.23	1.00	36.0	19.9	8.0	482	43
PD 165	1.18	.99	4.13	1.23	1.00	41.8	21.6	7.1	471	41
ATLAS 163	1.06	.93	4.32	1.14	.99	39.1	22.4	8.8	467	38
ATLAS 155	1.06	.94	3.86	1.13	1.00	40.4	21.9	8.2	495	41
DELTAPINE 523	1.09	.94	4.38	1.12	.96	37.3	20.9	8.7	462	34
ACALA 4-42	1.06	.89	3.47	1.17	1.00	36.4	20.0	9.6	439	54
ATLAS 182	1.09	.96	4.14	1.16	.98	39.5	21.2	8.3	481	35
GEORGIA 4	1.14	.98	3.98	1.19	1.01	43.4	23.9	7.0	491	39

FLORENCE, SOUTH CAROLINA

CAROLINA QUEEN	1.16	.99	4.17	1.21	1.04	32.1	16.7	8.6	485	51
ATLAS 163	1.11	.98	4.46	1.18	1.01	34.8	19.9	9.2	454	33
PD 165	1.27	1.12	4.41	1.32	1.08	39.3	20.9	7.2	453	40
PD 259	1.19	1.03	4.25	1.24	1.03	37.1	20.3	7.8	460	28
AUBURN 56	1.10	.93	4.27	1.14	.95	29.8	16.4	9.5	488	47
COKER 58-117	1.14	.97	3.67	1.20	.99	32.1	18.1	9.8	518	49
COKER 61-413	1.19	1.01	3.69	1.26	1.05	34.3	18.4	8.1	502	44
AHA DER.	1.13	1.00	4.14	1.18	.99	33.6	18.2	8.9	483	37
MO.59 1021C	1.15	.98	3.84	1.20	.98	34.3	18.9	9.8	490	46
DELTAPINE S.L.	1.13	.97	4.00	1.20	1.01	32.4	17.8	12.0	506	41
ATLAS 155	1.14	1.00	4.34	1.20	1.02	39.1	21.7	9.2	474	38
STONEVILLE 7A	1.11	.96	4.23	1.18	1.00	31.3	16.1	9.0	468	34
DELTAPINE 523	1.12	1.00	3.71	1.16	.98	33.2	19.1	9.6	516	48
ATLAS 182	1.17	1.03	4.10	1.20	1.03	35.5	19.5	9.6	472	36
ACALA 4-42	1.10	.95	3.49	1.16	1.01	34.6	19.1	9.5	473	53
GEORGIA 4	1.12	.99	4.19	1.18	1.00	42.5	24.4	7.1	466	34

ROCKY MOUNT, NORTH CAROLINA

CAROLINA QUEEN	1.11	.95	4.85	1.14	.91	32.8	17.8	7.2	434	26
COKER 61-413	1.15	.98	4.23	1.20	.99	35.9	18.7	6.9	461	41
AUBURN 56	1.05	.88	4.50	1.10	.92	30.6	16.6	9.3	457	33
ATLAS 155	1.05	.92	4.64	1.10	.90	38.6	20.5	7.4	445	20
COKER 58-117	1.09	.94	4.15	1.14	.92	32.2	18.4	8.6	464	31
STONEVILLE 7A	1.11	.96	4.83	1.16	.94	32.4	17.0	8.4	433	28
PD 165	1.19	1.03	4.77	1.20	.96	39.5	21.2	5.8	434	26
MO.59 1021C	1.11	.95	4.57	1.15	.91	33.8	19.0	8.2	446	37
ATLAS 182	1.09	.95	4.88	1.11	.91	35.1	18.8	7.7	430	22
PD 259	1.12	.95	4.61	1.14	.92	37.2	19.3	6.6	441	22
ATLAS 163	1.03	.91	5.13	1.07	.91	36.3	21.0	7.4	415	19
AHA DER.	1.07	.95	4.84	1.12	.93	33.9	17.8	8.1	432	27
DELTAPINE 523	1.08	.96	4.49	1.15	.99	34.2	17.8	8.8	465	26
ACALA 4-42	1.09	.95	4.17	1.15	.93	34.0	19.3	8.3	483	37
GEORGIA 4	1.08	.96	4.96	1.15	.96	43.0	24.2	5.8	427	25

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	•	•	BOLL SIZE	•	•	•	•	•
	• YIELD	•	GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	• 22'S
	• LBS•LINT	•	PER	• PER	• PERCENT	INDEX	• 50 • 2.5	•
	• PER ACRE	•	BOLL	• LB.	•	•	PERCENT	•

VARIETIES COMBINING LOCATIONS

CB 58	840A	3.60	126	36.7	11.3	.60	1.31	151
P15	821A	3.76	121	36.7	12.2	.62	1.36	157
P12	812AB	4.05	113	39.1	12.5	.64	1.36	159
P14	789ABC	3.89	117	36.3	12.8	.65	1.37	169
PIMA S-2	780ABCD	3.76	121	37.0	12.2	.62	1.34	155
P17	769ABCDE	3.40	134	35.7	12.3	.66	1.44	162
E 1089	735 BCDEF	3.69	123	33.7	13.2	.65	1.36	164
1044	711 CDEF	3.76	121	34.4	12.5	.64	1.39	161
P16	702 DEF	3.83	119	36.2	13.3	.65	1.38	166
E 1120	692 EF	3.62	126	33.1	11.7	.64	1.33	167
PIMA S-1	665 F	3.99	114	34.7	12.7	.64	1.36	164

SUBREGIONAL SUMMARY COMBINING YUMA, TEMPE, MARANA, AND COOLIDGE

CB 58	766A	3.55	128	35.2	11.7	.61	1.34	151
P15	763A	3.76	121	35.5	12.4	.62	1.37	152
P14	734A	3.99	114	35.2	13.3	.64	1.37	165
PIMA S-2	704AB	3.72	122	36.0	12.5	.61	1.35	151
P12	641 BC	4.16	109	37.7	12.9	.65	1.38	158
P17	608 CD	3.35	136	34.7	12.4	.65	1.44	159
E 1120	567 DE	3.65	125	32.6	11.9	.62	1.32	163
1044	548 DE	3.74	122	33.2	12.8	.64	1.41	155
P16	548 DE	3.85	118	34.7	13.7	.64	1.38	164
PIMA S-1	540 DE	4.17	109	32.8	13.5	.64	1.37	159
E 1089	513 E	3.61	126	33.0	13.2	.63	1.36	166

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE AND CURTIS FARMS), UNIVERSITY PARK, EL PASO, AND FABENS

P12	949A	3.96	115	40.2	12.2	.64	1.35	159
E 1089	912AB	3.76	121	34.2	13.1	.66	1.35	162
CB 58	900AB	3.64	125	37.9	11.0	.59	1.29	151
P17	898AB	3.44	132	36.4	12.3	.66	1.45	164
P15	867ABC	3.76	121	37.7	12.0	.63	1.36	161
1044	842 BCD	3.78	120	35.4	12.3	.64	1.38	166
PIMA S-2	841 BCD	3.79	120	37.7	12.0	.62	1.33	158
P14	834 BCD	3.82	119	37.1	12.4	.66	1.36	172
P16	826 BCD	3.83	119	37.4	13.0	.65	1.38	168
E 1120	791 CD	3.59	127	33.5	11.6	.66	1.34	170
PIMA S-1	764 D	3.84	119	36.2	12.1	.64	1.35	168

LOCATIONS COMBINING VARIETIES

LOCATION	•	•	BOLL SIZE	•	•	•	•	•
	• YIELD	•	GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	• 22'S
	• LBS•LINT	•	PER	• PER	• PERCENT	INDEX	• 50 • 2.5	•
	• PER ACRE	•	BOLL	• LB.	•	•	PERCENT	•

FABENS, TEX.	1105	3.71	123	36.0	12.7	.65	1.37	163
SAFFORD (PACE)	925	3.85	118	36.6	12.2	.64	1.35	164
YUMA, ARIZ.	808	3.53	129	34.6	12.7	.63	1.37	158
SAFFORD (CURTIS)	779	3.68	124	36.1	12.3	.64	1.36	163
U. PK., N. MEX.	751	3.59	127	36.8	11.9	.65	1.38	167
MARANA, ARIZ.	745	3.95	115	36.3	12.2	.62	1.36	155
EL PASO, TEX.	723	3.93	116	34.2	12.8	.65	1.38	159
COOLIDGE, ARIZ.	532	3.89	117	38.1	11.9	.63	1.32	160
TEMPE, ARIZ.	435	3.69	124	33.3	13.3	.64	1.37	162

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					

VARIETIES COMBINING LOCATIONS

CB 58	1.29	1.07	4.01	1.30	1.04	4.16	2.52	9.1	493	30
P15	1.35	1.11	3.86	1.38	1.08	4.35	2.71	9.4	500	34
P12	1.34	1.12	4.00	1.36	1.09	4.28	2.69	9.4	490	30
P14	1.33	1.13	3.82	1.37	1.11	4.56	2.97	8.8	515	32
PIMA S-2	1.31	1.09	3.96	1.33	1.06	4.33	2.67	8.6	495	27
P17	1.43	1.19	4.03	1.42	1.10	4.52	2.81	7.8	483	32
E 1089	1.34	1.13	4.36	1.37	1.10	4.61	2.82	7.6	464	26
1044	1.36	1.13	3.82	1.38	1.08	4.34	2.71	9.0	511	35
P16	1.35	1.13	4.05	1.38	1.08	4.58	2.85	8.2	485	30
E 1120	1.33	1.13	4.14	1.35	1.11	4.44	2.76	9.0	485	29
PIMA S-1	1.33	1.11	3.63	1.36	1.09	4.27	2.68	9.0	518	38

SUBREGIONAL SUMMARY COMBINING YUMA, TEMPE, MARANA, AND COOLIDGE

CB 58	1.30	1.06	4.07	1.34	1.05	4.20	2.54	8.6	484	27
P15	1.35	1.10	3.95	1.39	1.09	4.33	2.68	9.0	493	29
P14	1.33	1.13	3.86	1.38	1.11	4.51	2.98	8.3	506	29
PIMA S-2	1.31	1.09	4.02	1.34	1.07	4.33	2.69	8.4	489	24
P12	1.35	1.12	4.08	1.39	1.12	4.27	2.72	9.1	485	26
P17	1.42	1.18	4.10	1.43	1.11	4.43	2.78	7.6	477	30
E 1120	1.32	1.12	4.18	1.35	1.11	4.46	2.76	8.6	479	31
1044	1.37	1.12	3.97	1.39	1.08	4.30	2.68	8.5	514	33
P16	1.37	1.14	4.12	1.39	1.09	4.60	2.84	8.0	478	27
PIMA S-1	1.34	1.10	3.83	1.39	1.12	4.22	2.65	8.8	509	35
E 1089	1.33	1.11	4.38	1.38	1.10	4.63	2.78	7.2	463	26

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE AND CURTIS FARMS), UNIVERSITY PARK, EL PASO, AND FABENS

P12	1.34	1.13	3.93	1.34	1.08	4.28	2.67	9.7	493	32
E 1089	1.35	1.14	4.34	1.36	1.09	4.59	2.85	7.9	464	26
CB 58	1.28	1.08	3.96	1.28	1.03	4.12	2.51	9.6	500	32
P17	1.43	1.19	3.98	1.41	1.10	4.60	2.84	8.0	489	33
P15	1.35	1.12	3.78	1.37	1.07	4.37	2.73	9.7	506	39
1044	1.35	1.13	3.70	1.38	1.09	4.37	2.72	9.3	508	36
PIMA S-2	1.31	1.10	3.91	1.32	1.05	4.32	2.65	8.7	500	30
P14	1.33	1.13	3.79	1.36	1.11	4.61	2.97	9.1	522	34
P16	1.34	1.12	4.01	1.37	1.07	4.57	2.86	8.4	490	33
E 1120	1.33	1.14	4.11	1.35	1.11	4.43	2.76	9.3	490	28
PIMA S-1	1.32	1.11	3.46	1.34	1.06	4.30	2.71	9.1	525	41

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					

FABENS, TEX.	1.36	1.13	3.90	1.35	1.06	4.44	2.72	9.4	505	34
SAFFORD (PACE)	1.34	1.13	3.90	1.35	1.06	4.38	2.75	8.8	501	32
YUMA, ARIZ.	1.34	1.10	4.22	1.39	1.11	4.47	2.79	8.0	483	26
SAFFORD (CURTIS)	1.34	1.12	3.77	1.36	1.09	4.43	2.74	8.8	505	37
U. PK., N. MEX.	1.37	1.15	3.78	1.38	1.12	4.42	2.82	9.1	513	35
MARANA, ARIZ.	1.32	1.08	4.04	1.35	1.09	4.23	2.66	8.8	488	28
EL PASO, TEX.	1.36	1.14	4.10	1.38	1.07	4.37	2.69	8.6	487	29
COOLIDGE, ARIZ.	1.30	1.09	4.17	1.32	1.06	4.41	2.73	8.9	470	27
TEMPE, ARIZ.	1.36	1.14	3.84	1.39	1.12	4.48	2.80	8.1	498	33

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

BOLL SIZE, GRAMS PER BOLL			BOLL SIZE, NO. PER POUND			LINT PERCENT		
P12	4.05	A	P17	134	A	P12	39.1	A
PIMA S-1	3.99	AB	CB 58	126	B	PIMA S-2	37.0	B
P14	3.89	BC	E 1120	126	B	CB 58	36.7	BC
P16	3.83	CD	E 1089	123	BC	P15	36.7	BC
PIMA S-2	3.76	DE	PIMA S-2	121	CD	P14	36.3	C
1044	3.76	DE	1044	121	CD	P16	36.2	CD
P15	3.76	DE	P15	121	CD	P17	35.7	D
E 1089	3.69	EF	P16	119	CD	PIMA S-1	34.7	E
E 1120	3.62	F	P14	117	DE	1044	34.4	E
CB 58	3.60	F	PIMA S-1	114	E	E 1089	33.7	F
P17	3.40	G	P12	113	E	E 1120	33.1	G

SEED INDEX			SPAN LENGTH, 50 PERCENT			SPAN LENGTH, 2.5 PERCENT		
P16	13.3	A	P17	.66	A	P17	1.44	A
E 1089	13.2	A	P14	.65	AB	1044	1.39	B
P14	12.8	B	E 1089	.65	AB	P16	1.38	BC
PIMA S-1	12.7	BC	P16	.65	AB	P14	1.37	BC
1044	12.5	CD	PIMA S-1	.64	B	PIMA S-1	1.36	CD
P12	12.5	CD	1044	.64	B	P12	1.36	CD
P17	12.3	DE	P12	.64	B	E 1089	1.36	CD
PIMA S-2	12.2	E	E 1120	.64	B	P15	1.36	CD
P15	12.2	E	PIMA S-2	.62	C	PIMA S-2	1.34	DE
E 1120	11.7	F	P15	.62	C	E 1120	1.33	EF
CB 58	11.3	G	CB 58	.60	D	CB 58	1.31	F

22'S			GINNED LINT, UHM			GINNED LINT, MEAN		
P14	169	A	P17	1.43	A	P17	1.19	A
E 1120	167	AB	1044	1.36	B	1044	1.13	B
P16	166	ABC	P15	1.35	BC	P14	1.13	B
PIMA S-1	164	ABCD	P16	1.35	BC	E 1089	1.13	B
E 1089	164	ABCD	P12	1.34	CD	E 1120	1.13	B
P17	162	BCDE	E 1089	1.34	CD	P16	1.13	B
1044	161	CDE	PIMA S-1	1.33	D	P12	1.12	B
P12	159	DEF	P14	1.33	D	PIMA S-1	1.11	BC
P15	157	EF	E 1120	1.33	D	P15	1.11	BC
PIMA S-2	155	FG	PIMA S-2	1.31	E	PIMA S-2	1.09	CD
CB 58	151	G	CB 58	1.29	F	CB 58	1.07	D



1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

MICRONAIRE

E 1089	4.36	A
E 1120	4.14	B
P16	4.05	BC
P17	4.03	BC
CB 58	4.01	C
P12	4.00	C
PIMA S-2	3.96	CD
P15	3.86	DE
1044	3.82	E
P14	3.82	E
PIMA S-1	3.63	F

DRAWING SLIVER, UHM

P17	1.42	A
1044	1.38	B
P15	1.38	B
P16	1.38	B
P14	1.37	BC
E 1089	1.37	BC
PIMA S-1	1.36	CD
P12	1.36	CD
E 1120	1.35	D
PIMA S-2	1.33	E
CB 58	1.30	F

DRAWING SLIVER, MEAN

P14	1.11	A
E 1120	1.11	A
E 1089	1.10	A
P17	1.10	A
PIMA S-1	1.09	AB
P12	1.09	AB
1044	1.08	AB
P15	1.08	AB
P16	1.08	AB
PIMA S-2	1.06	BC
CB 58	1.04	C

T0

E 1089	4.61	A
P16	4.58	AB
P14	4.56	AB
P17	4.52	BC
E 1120	4.44	C
P15	4.35	D
1044	4.34	D
PIMA S-2	4.33	D
P12	4.28	D
PIMA S-1	4.27	D
CB 58	4.16	E

T1

P14	2.97	A
P16	2.85	B
E 1089	2.82	BC
P17	2.81	BC
E 1120	2.76	CD
1044	2.71	DE
P15	2.71	DE
P12	2.69	E
PIMA S-1	2.68	E
PIMA S-2	2.67	E
CB 58	2.52	F

E1

P12	9.4	A
P15	9.4	A
CB 58	9.1	B
PIMA S-1	9.0	BC
1044	9.0	BC
E 1120	9.0	BC
P14	8.8	CD
PIMA S-2	8.6	D
P16	8.2	E
P17	7.8	F
E 1089	7.6	F

A

PIMA S-1	518	A
P14	515	A
1044	511	AB
P15	500	BC
PIMA S-2	495	CD
CB 58	493	CD
P12	490	CD
E 1120	485	D
P16	485	D
P17	483	D
E 1089	464	E

D

PIMA S-1	38	A
1044	35	AB
P15	34	ABC
P14	32	BCD
P17	32	BCD
CB 58	30	CDE
P12	30	CDE
P16	30	CDE
E 1120	29	DE
PIMA S-2	27	E
E 1089	26	E



## 1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•	•	•	22'S
	• YIELD	• BOLL SIZE	•	•	•	•	•	•	•	•	
	• LBS. LINT	• GRAMS	• NO	• LINT	• SEED	• SPAN LENGTH	•	•	•	•	
	• PER ACRE	• PER	• PER	• PERCENT	• INDEX	• 50	• 2.5	•	•	•	
		• BOLL	• LB.	•			• PERCENT				

YUMA, ARIZONA

CB 58	984A	3.40	134	34.5	12.0	.61	1.33	143
P15	951AB	3.68	124	35.5	12.5	.61	1.37	153
PIMA S-2	886ABC	3.59	126	35.7	12.6	.59	1.34	156
P14	871 BCD	3.75	121	35.3	13.3	.65	1.40	162
P12	841 CDE	3.93	116	37.8	12.9	.65	1.40	152
P17	768 DEF	3.24	140	35.2	12.4	.65	1.44	164
1044	766 DEF	3.32	137	32.4	12.7	.65	1.42	162
E 1089	745 EF	3.33	137	33.6	12.9	.62	1.37	168
E 1120	726 F	3.22	142	33.1	11.6	.60	1.29	163
PIMA S-1	687 F	3.80	120	32.9	13.4	.63	1.36	155
P16	661 F	3.63	125	35.3	13.3	.64	1.39	162

TEMPE, ARIZONA

P14	609A	4.00	113	33.6	14.2	.62	1.33	168
P15	556AB	3.62	126	33.7	13.1	.65	1.38	151
CB 58	537AB	3.49	130	34.1	12.0	.61	1.34	156
P12	521AB	4.06	112	36.6	13.3	.64	1.36	156
PIMA S-2	483 B	3.56	128	34.4	12.9	.63	1.37	148
PIMA S-1	390 C	4.16	109	31.7	14.0	.64	1.38	162
E 1120	372 C	3.57	127	31.5	12.3	.65	1.34	171
P17	372 C	3.15	145	33.2	12.7	.67	1.45	166
P16	349 C	3.67	124	33.5	14.2	.64	1.38	172
1044	347 C	3.72	122	32.5	13.5	.65	1.43	166
E 1089	249 D	3.64	125	31.8	13.9	.63	1.35	168

COOLIDGE, ARIZONA

CB 58	709A	3.67	124	34.8	11.8	.64	1.36	152
P15	687A	3.92	116	35.4	12.5	.62	1.39	149
P14	661A	4.04	113	34.6	13.3	.69	1.41	172
PIMA S-2	598AB	3.85	118	36.1	12.4	.63	1.34	154
P17	501 BC	3.36	135	34.4	12.4	.65	1.44	157
P12	498 BC	4.38	104	37.3	13.2	.68	1.39	163
E 1120	498 BC	4.01	113	32.1	12.2	.63	1.33	159
P16	467 BC	3.99	114	34.1	14.1	.65	1.37	171
PIMA S-1	451 C	4.32	106	32.8	13.2	.68	1.39	160
1044	416 C	3.97	115	32.8	13.0	.67	1.42	154
E 1089	366 C	3.70	123	32.2	13.3	.66	1.39	160

## 1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

VARIETY	•	GINNED LINT	•	MICRO-	•	DRAWING	•	TO	•	T1	•	E1	•	A	•	D
	•	UHM	•	NAIRE	•	SLIVER	•		•		•		•		•	
	•	MEAN	•		•	UHM	•		•		•		•		•	
	•		•		•	MEAN	•		•		•		•		•	

YUMA, ARIZONA

CB 58	1.29	1.03	4.34	1.34	1.06	42.6	25.3	8.2	470	28
P15	1.33	1.08	4.22	1.42	1.13	44.2	28.4	8.6	474	31
PIMA S-2	1.30	1.06	4.14	1.35	1.10	44.5	27.3	7.9	483	26
P14	1.31	1.10	3.87	1.38	1.12	45.9	30.2	7.9	505	23
P12	1.33	1.08	4.20	1.40	1.11	43.1	27.4	8.7	472	26
P17	1.43	1.20	4.30	1.46	1.15	45.5	28.3	7.3	471	25
1044	1.38	1.12	4.29	1.41	1.09	44.5	28.5	7.9	556	37
E 1089	1.34	1.12	4.42	1.39	1.09	47.5	28.5	7.3	458	20
E 1120	1.30	1.08	4.27	1.36	1.13	44.7	27.8	8.0	469	27
PIMA S-1	1.35	1.14	4.11	1.39	1.09	42.5	26.5	8.5	487	22
P16	1.37	1.15	4.27	1.42	1.13	46.9	29.2	7.6	470	26

TEMPE, ARIZONA

P14	1.37	1.16	3.70	1.41	1.16	46.1	30.8	8.0	511	39
P15	1.37	1.12	3.77	1.40	1.12	43.9	27.2	9.1	508	32
CB 58	1.32	1.11	3.94	1.35	1.07	42.7	25.9	8.2	482	24
P12	1.36	1.12	3.87	1.41	1.15	44.2	28.7	8.8	495	30
PIMA S-2	1.34	1.15	3.71	1.36	1.05	44.2	27.4	8.2	500	25
PIMA S-1	1.36	1.12	3.67	1.41	1.15	43.7	27.5	8.6	517	49
E 1120	1.33	1.16	4.09	1.36	1.13	46.6	28.5	8.7	492	33
P17	1.40	1.15	3.83	1.41	1.13	44.8	28.2	7.6	483	31
P16	1.40	1.17	3.82	1.39	1.10	46.0	28.6	7.5	491	24
1044	1.39	1.14	3.58	1.43	1.11	44.7	28.0	8.0	517	44
E 1089	1.36	1.16	4.28	1.41	1.16	46.6	27.5	7.1	481	29

COOLIDGE, ARIZONA

CB 58	1.32	1.10	4.11	1.34	1.02	41.7	25.1	8.9	484	28
P15	1.39	1.16	3.88	1.39	1.04	42.5	25.0	9.2	493	30
P14	1.36	1.15	4.01	1.38	1.05	44.8	28.7	8.9	502	29
PIMA S-2	1.31	1.08	4.07	1.35	1.06	43.3	27.1	8.4	496	21
P17	1.45	1.22	4.22	1.43	1.08	44.6	27.3	7.9	476	36
P12	1.39	1.19	4.11	1.42	1.11	41.8	25.8	9.5	490	24
E 1120	1.34	1.12	4.29	1.36	1.08	44.3	27.8	8.7	469	32
P16	1.37	1.16	4.28	1.40	1.06	47.4	28.2	8.3	476	29
PIMA S-1	1.36	1.15	3.86	1.41	1.16	41.0	26.2	9.0	510	37
1044	1.39	1.15	3.94	1.40	1.06	43.1	26.6	8.7	506	28
E 1089	1.34	1.11	4.41	1.37	1.05	46.8	28.1	7.3	458	28

## 1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAMS	NO	LINT	SEED	SPAN LENGTH	22'S
	LBS•LINT	PER	PER	PERCENT	INDEX	50	2.5	
	PER ACRE	BOLL	LB.				PERCENT	

MARANA, ARIZONA

P15	857A	3.83	119	37.5	11.7	.59	1.34	155
PIMA S-2	849A	3.90	117	37.9	12.1	.61	1.35	147
CB 58	834A	3.63	125	37.4	11.0	.59	1.33	154
P14	793AB	4.17	109	37.2	12.4	.62	1.36	159
P17	789AB	3.64	125	36.0	12.2	.65	1.42	151
P16	716 BC	4.10	111	36.1	13.5	.64	1.39	152
P12	703 BC	4.26	107	39.3	12.2	.63	1.39	162
E 1089	690 BC	3.78	121	34.7	12.9	.63	1.35	168
E 1120	672 C	3.81	119	33.8	11.5	.61	1.32	161
1044	664 C	3.95	116	35.2	11.9	.62	1.38	140
PIMA S-1	632 C	4.42	103	34.0	13.4	.62	1.36	159

SAFFORD(PACE FARM), ARIZONA

P14	1059A	4.05	112	38.3	12.4	.65	1.33	166
P15	1013AB	3.95	115	39.4	11.8	.61	1.31	155
CB 58	1004ABC	3.76	121	39.3	10.6	.57	1.29	150
PIMA S-2	1001ABC	3.97	115	39.4	11.7	.61	1.28	158
P12	985ABCD	4.08	112	42.6	11.4	.65	1.34	159
1044	912ABCDE	3.95	115	36.9	11.9	.65	1.37	169
E 1089	908ABCDE	3.87	118	34.5	13.3	.66	1.36	157
P17	858 BCDE	3.52	130	37.5	11.9	.61	1.36	159
E 1120	843 CDE	3.79	120	34.4	11.2	.64	1.31	161
P16	832 DE	3.94	116	38.9	12.8	.62	1.33	162
PIMA S-1	758 E	3.94	115	38.2	11.6	.62	1.31	163

SAFFORD(CURTIS FARM), ARIZONA

P12	915A	4.23	107	39.9	12.5	.63	1.34	158
P17	855AB	3.44	132	36.8	12.0	.66	1.48	166
E 1089	830ABC	3.84	119	34.2	13.0	.64	1.32	164
PIMA S-2	801ABCD	3.85	118	38.0	12.0	.62	1.32	157
1044	784 BCD	3.87	118	35.1	12.4	.65	1.38	169
P15	782 BCD	3.85	118	37.5	12.1	.65	1.41	163
P16	754 BCD	3.91	116	37.3	12.8	.63	1.35	165
CB 58	744 BCD	3.76	121	37.8	11.1	.60	1.27	150
P14	720 CD	3.88	117	37.2	12.3	.66	1.37	178
E 1120	695 D	3.67	124	33.6	11.6	.65	1.33	166
PIMA S-1	691 D	4.09	111	35.6	12.4	.64	1.34	167

## 1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT		MICRO-NAIRE	DRAWING SLIVER		TO	T1	E1	A	D
	UHM	MEAN		UHM	MEAN					
	.	.	.	.	.	.	.	.	.	.

MARANA, ARIZONA

P15	1.30	1.03	3.96	1.35	1.09	42.7	26.6	9.4	498	24
PIMA S-2	1.30	1.07	4.17	1.32	1.09	41.3	26.0	9.1	478	23
CB 58	1.28	1.00	3.88	1.32	1.05	41.1	25.4	9.1	503	30
P14	1.31	1.12	3.85	1.36	1.13	43.5	29.4	8.5	505	27
P17	1.42	1.17	4.04	1.41	1.10	42.3	27.2	7.8	479	30
P16	1.33	1.09	4.10	1.35	1.07	43.7	27.6	8.5	474	31
P12	1.32	1.10	4.17	1.35	1.11	41.8	26.8	9.3	485	25
E 1089	1.30	1.07	4.42	1.35	1.11	44.4	27.0	7.3	458	28
E 1120	1.33	1.12	4.07	1.35	1.10	42.7	26.4	9.1	486	34
1044	1.33	1.09	4.08	1.33	1.06	39.8	24.2	9.5	479	23
PIMA S-1	1.31	1.02	3.70	1.37	1.10	41.7	26.0	9.3	523	32

SAFFORD(PACE FARM), ARIZONA

P14	1.29	1.08	4.36	1.33	1.13	44.3	28.6	9.0	483	26
P15	1.29	1.09	4.10	1.33	1.03	45.0	26.8	10.3	473	34
CB 58	1.26	1.04	4.07	1.27	1.05	39.1	25.5	9.5	487	32
PIMA S-2	1.27	1.07	4.41	1.30	1.07	43.0	26.0	8.8	467	20
P12	1.30	1.09	4.40	1.32	1.10	42.6	26.6	9.5	462	21
1044	1.35	1.12	3.99	1.39	1.15	44.1	26.5	9.2	488	28
E 1089	1.33	1.14	4.44	1.32	1.03	46.4	28.5	7.9	450	24
P17	1.39	1.17	4.13	1.36	1.04	47.0	29.1	7.8	471	32
E 1120	1.26	1.08	4.25	1.29	1.04	45.0	27.6	9.3	475	22
P16	1.29	1.08	4.25	1.32	.99	45.7	28.8	8.0	466	22
PIMA S-1	1.26	1.05	3.52	1.30	1.05	43.1	26.8	8.8	455	33

SAFFORD(CURTIS FARM), ARIZONA

P12	1.36	1.15	3.90	1.36	1.09	42.6	26.6	9.5	484	25
P17	1.45	1.20	4.06	1.42	1.09	46.4	28.7	7.9	490	31
E 1089	1.32	1.11	4.35	1.35	1.10	46.1	28.3	7.7	458	23
PIMA S-2	1.31	1.13	3.75	1.30	.99	42.3	26.0	8.6	508	33
1044	1.36	1.15	3.65	1.39	1.07	43.8	27.8	9.3	523	37
P15	1.37	1.13	3.84	1.39	1.09	43.3	27.4	9.3	501	38
P16	1.33	1.10	3.99	1.36	1.07	45.2	28.4	8.3	492	35
CB 58	1.28	1.10	3.97	1.29	1.02	41.3	24.3	9.7	495	35
P14	1.33	1.13	3.73	1.37	1.12	44.7	30.1	9.1	526	34
E 1120	1.33	1.15	4.15	1.35	1.09	44.2	28.0	9.3	485	27
PIMA S-1	1.33	1.13	3.48	1.33	.99	42.4	27.1	8.8	549	42

## 1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

VARIETY	•	•	•	•	•	•	•	•
	YIELD	BOLL SIZE	GRAMS	NO	LINT	SEED	SPAN LENGTH	22'S
	LBS. LINT	PER	PER	PERCENT	INDEX	50	2.5	
	PER ACRE	BOLL	LB.				PERCENT	

UNIVERSITY PARK, NEW MEXICO

E 1089	821A	3.65	125	33.8	13.0	.67	1.37	164
P12	795A	4.03	113	39.5	12.5	.65	1.37	162
1044	790A	3.79	120	34.6	12.5	.64	1.39	164
P17	786A	3.32	137	35.3	12.5	.70	1.48	160
P15	755A	3.75	121	36.8	12.2	.61	1.36	165
PIMA S-1	754A	3.77	121	36.7	12.4	.62	1.36	166
CB 58	753A	3.61	126	37.0	11.3	.61	1.31	152
E 1120	739A	3.51	130	32.9	11.9	.67	1.36	171
P16	727AB	3.66	124	37.2	13.1	.67	1.39	163
P14	714AB	3.71	123	36.5	12.3	.66	1.34	169
PIMA S-2	630 B	3.69	123	36.7	12.2	.58	1.32	161

EL PASO, TEXAS

E 1089	880A	3.73	122	34.5	12.9	.66	1.37	165
CB 58	785AB	3.35	136	38.1	10.7	.59	1.31	153
P17	769ABC	3.42	133	36.9	12.2	.70	1.48	172
P12	745 BC	3.85	118	40.0	12.0	.63	1.36	161
1044	732 BC	3.67	124	35.6	11.8	.64	1.37	166
E 1120	692 BC	3.44	132	33.8	11.5	.67	1.38	178
P16	687 BC	3.71	123	37.0	12.8	.68	1.42	177
P15	685 BC	3.47	131	37.9	11.4	.64	1.37	162
P14	665 BC	3.64	125	37.6	11.8	.67	1.36	176
PIMA S-2	659 C	3.72	122	37.6	12.0	.64	1.38	160
PIMA S-1	656 C	3.52	130	35.8	11.6	.65	1.37	174

FABENS, TEXAS

P12	1304A	3.61	128	39.3	12.9	.64	1.34	158
P17	1224AB	3.51	130	35.7	13.0	.66	1.45	165
CB 58	1213AB	3.74	121	37.5	11.5	.61	1.31	149
P16	1129 BC	3.91	117	36.9	13.5	.67	1.40	172
E 1089	1123 BCD	3.70	123	34.0	13.5	.66	1.37	162
PIMA S-2	1113 BCDE	3.74	122	37.0	12.4	.65	1.35	154
P15	1101 BCDE	3.77	121	37.0	12.4	.64	1.37	159
P14	1011 CDEF	3.82	119	36.3	13.0	.67	1.42	171
1044	991 DEF	3.61	126	34.7	12.7	.64	1.38	165
E 1120	988 EF	3.56	128	32.8	11.9	.67	1.36	174
PIMA S-1	962 F	3.89	117	34.6	12.9	.66	1.37	169



## 1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST

VARIETY	GINNED LINT UHM . MEAN	MICRO- NAIRE	DRAWING SLIVER UHM . MEAN	TO	T1	E1	A	D
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UNIVERSITY PARK, NEW MEXICO

E 1089	1.37	1.16	4.26	1.37	1.11	45.1	28.3	7.7	481	33
P12	1.34	1.13	3.83	1.35	1.09	43.6	26.5	9.6	497	38
1044	1.33	1.13	3.49	1.38	1.07	43.5	26.5	9.6	489	42
P17	1.44	1.19	3.82	1.45	1.14	45.1	28.0	7.4	496	38
P15	1.36	1.13	3.56	1.38	1.11	43.4	27.4	9.8	516	44
PIMA S-1	1.31	1.11	3.36	1.35	1.07	43.2	27.8	9.0	533	42
CB 58	1.30	1.10	3.99	1.28	1.00	42.2	25.6	9.4	507	33
E 1120	1.35	1.13	4.00	1.38	1.15	44.5	27.1	9.2	495	35
P16	1.33	1.12	3.99	1.37	1.10	45.1	28.2	8.5	483	36
P14	1.32	1.11	3.60	1.35	1.12	47.4	29.6	8.9	537	35
PIMA S-2	1.29	1.07	3.62	1.30	1.02	44.1	26.2	8.1	524	33

EL PASO, TEXAS

E 1089	1.38	1.17	4.13	1.39	1.15	46.0	29.1	8.0	476	29
CB 58	1.30	1.10	3.88	1.31	1.08	41.5	26.0	9.5	507	30
P17	1.46	1.22	3.83	1.45	1.17	46.2	29.3	8.0	493	32
P12	1.34	1.14	3.73	1.34	1.09	42.9	27.0	9.9	524	35
1044	1.39	1.14	3.63	1.39	1.13	42.8	28.0	9.2	527	33
E 1120	1.36	1.17	3.94	1.39	1.17	43.8	27.9	9.4	501	31
P16	1.41	1.18	3.87	1.42	1.17	46.6	29.7	8.7	510	38
P15	1.39	1.15	3.63	1.39	1.10	43.8	28.2	9.5	528	46
P14	1.37	1.17	3.60	1.37	1.13	46.2	30.5	9.2	540	38
PIMA S-2	1.36	1.15	3.87	1.35	1.10	42.6	27.7	9.0	501	32
PIMA S-1	1.35	1.14	3.51	1.35	1.09	43.5	27.2	9.7	542	45

FABENS, TEXAS

P12	1.37	1.14	3.77	1.33	1.01	42.6	26.6	10.0	501	39
P17	1.45	1.19	4.06	1.40	1.07	45.3	27.1	8.9	494	34
CB 58	1.28	1.05	3.90	1.26	.99	42.0	24.1	10.0	506	31
P16	1.37	1.15	3.94	1.37	1.06	45.8	28.2	8.8	499	34
E 1089	1.35	1.15	4.52	1.36	1.09	46.3	28.1	8.5	456	23
PIMA S-2	1.32	1.10	3.89	1.35	1.09	44.2	26.8	9.2	499	33
P15	1.36	1.12	3.77	1.36	1.04	42.9	26.6	10.0	515	32
P14	1.37	1.16	3.68	1.37	1.08	48.0	29.9	9.7	527	40
1044	1.35	1.13	3.74	1.35	1.03	44.4	27.6	9.5	515	43
E 1120	1.36	1.17	4.19	1.36	1.10	44.0	27.5	9.6	494	25
PIMA S-1	1.37	1.14	3.45	1.37	1.09	43.1	26.6	9.5	547	45

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

Combed Yarn Tests															
Tempe, Arizona															
Fiber and Yarn Tests	Pima : S-1 :	Pima : S-2 :	CB-58 : :	E1044 : :	E1089 : :	E1120 : :	P-12 : :	P-14 : :	P-15 : :	P-16 : :	P-17 : :				
<u>FIBER TESTS</u>															
<u>Ginned Lint</u>															
Classer's designation															
Grade	4AE 1-3/8	SAE 1-5/16	SAE 1-3/8	SAE 1-3/8	6AE 1-3/8	SAE 1-5/16	4AE 1-3/8	4AE 1-3/8	4AE 1-5/16	SAE 1-5/16	SAE 1-3/8				
Staple															
Fibrograph (inches)															
Upper half mean	1.36	1.37	1.38	1.42	1.44	1.36	1.40	1.33	1.39	1.43	1.49				
Mean	1.14	1.13	1.11	1.17	1.20	1.13	1.14	1.08	1.09	1.19	1.24				
Micronaire	3.65	3.93	4.00	3.35	4.23	4.23	4.07	3.55	3.73	4.10	3.77				
<u>Comber Drawing Sliver</u>															
Fibrograph (inches)															
Upper half mean	1.43	1.42	1.41	1.47	1.45	1.41	1.45	1.44	1.46	1.44	1.50				
Mean	1.23	1.21	1.20	1.24	1.25	1.22	1.23	1.23	1.23	1.24	1.28				
Stelometer															
Tenacity (grams/tex)															
T <sub>0</sub>	42.7	43.6	41.0	44.1	45.0	45.5	43.2	45.4	44.3	46.6	46.0				
T <sub>1</sub>	27.5	26.8	25.2	27.6	26.9	27.5	26.7	30.3	27.0	28.4	28.2				
E <sub>1</sub>	8.5	8.7	9.0	8.7	7.4	8.8	9.4	8.6	8.9	8.0	7.4				
Arealometer															
A	509	487	475	493	463	488	487	504	486	477	498				
D	49	35	47	54	34	31	50	49	39	47	44				
<u>SPINNING TESTS</u>															
Skein strength															
36's combed	112	106	101	109	107	112	107	116	107	112	111				
60's combed	60	55	53	59	57	59	57	61	56	58	59				
Yarn appearance index															
Combed yarns	120	120	120	110	125	120	115	120	120	115	115				
Neps															
Carded 4½ lbs/hr	3	3	2	4	3	2	3	4	3	3	6				
Waste (percent)															
Picker and card	8.8	9.0	10.2	10.2	12.3	9.6	8.4	9.5	10.0	10.1	10.6				
Comber	11.2	12.3	11.7	12.2	10.5	10.4	11.0	11.4	11.7	11.6	11.5				

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

		Combed Yarn Tests													
		Safford, Arizona (Curtis Farm)													
Fiber and Yarn tests		Pima	Pima	CB-58	E1044	E1089	E1120	P-12	P-14	P-15	P-16				
		S-1	S-2												
		3AE 1-5/16	3AE 1-5/16	4AE 1-1/4	4AE 1-5/16	5AE 1-5/16	4AE 1-3/8	3AE 1-5/16	3AE 1-3/8	2AE 1-5/16	3AE 1-5/16	3AE 1-3/8			
<u>FIBER TESTS</u>															
<u>Ginned Lint</u>															
Classer's designation															
Grade															
Staple															
Fibrograph (inches)															
Upper half mean		1.34	1.27	1.24	1.37	1.32	1.35	1.32	1.32	1.34	1.35	1.32		1.37	
Mean		1.06	1.01	0.99	1.12	1.13	1.14	1.12	1.09	1.10	1.13	1.11		1.11	
Micronaire		3.58	3.95	3.90	3.58	4.48	4.25	3.93	3.50	3.95	3.80	3.95		3.95	
<u>Comber Drawing Sliver</u>															
Fibrograph (inches)															
Upper half mean		1.37	1.35	1.32	1.43	1.37	1.40	1.37	1.36	1.40	1.40	1.45		1.45	
Mean		1.17	1.14	1.14	1.22	1.16	1.25	1.16	1.15	1.19	1.16	1.20		1.20	
Stelometer															
Tenacity (grams/tex)															
T <sub>0</sub>		42.4	42.7	41.4	44.1	45.4	43.7	43.1	44.9	44.0	45.5	46.2		46.2	
T <sub>1</sub>		26.3	25.9	23.1	26.7	27.8	26.8	25.9	28.9	25.9	27.6	27.4		27.4	
E <sub>1</sub>		9.3	9.3	9.6	9.4	8.3	9.7	9.4	9.0	9.4	9.0	8.3		8.3	
Arealometer															
A		510	483	492	511	437	491	479	506	503	487	482		482	
D		51	49	51	49	46	31	37	46	45	37	41		41	
<u>SPINNING TESTS</u>															
Skein strength															
36's combed		109	105	98	108	106	119	104	116	104	109	106		106	
60's combed		58	55	52	59	54	59	54	61	54	56	56		56	
Yarn appearance index															
Combed yarns		115	125	120	115	125	125	125	120	120	125	120		120	
Neps															
Carded 4½ lbs/hr		7	3	3	6	2	1	3	4	4	5	6		6	
Waste (percent)															
Picker and card		7.1	7.0	8.4	8.4	8.2	7.7	7.0	7.9	7.6	7.7	7.1		7.1	
Comber		11.1	12.0	13.1	11.6	11.0	9.4	11.9	11.4	12.5	11.1	12.1		12.1	

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

		Combed Yarn Tests													
		University Park, New Mexico													
Fiber and Yarn Tests		Pima	Pima	CB-58	E1044	E1089	E1120	P-12	P-14	P-15	P-16	P-17			
		S-1	S-2												
<u>FIBER TESTS</u>															
<u>Ginned Lint</u>															
Classer's designation															
Grade		3AE	3AE	4AE	4AE	4AE	3AE	2AE	3AE	2AE	3AE	3AE			
Staple		1-5/16	1-5/16	1-5/16	1-3/8	1-3/8	1-7/16	1-3/8	1-3/8	1-3/8	1-5/16	1-3/8			
Fibrograph (inches)															
Upper half mean		1.35	1.33	1.28	1.38	1.36	1.40	1.32	1.36	1.36	1.37	1.40			
Mean		1.06	1.11	1.05	1.13	1.16	1.26	1.07	1.15	1.10	1.13	1.13			
Micronaire		3.53	3.65	3.65	3.43	4.18	4.05	3.63	3.52	3.63	3.68	3.65			
<u>Comber Drawing Sliver</u>															
Fibrograph (inches)															
Upper half mean		1.35	1.30	1.32	1.40	1.37	1.42	1.40	1.40	1.41	1.42	1.48			
Mean		1.15	1.07	1.08	1.17	1.17	1.26	1.23	1.24	1.24	1.26	1.28			
Stelometer															
Tenacity (grams/tex)															
T <sub>0</sub>		43.0	43.9	42.8	43.9	46.4	44.1	42.1	45.4	43.9	44.7	46.7			
T <sub>1</sub>		26.2	26.7	25.1	25.9	28.0	28.9	27.5	30.1	27.7	28.7	29.2			
E <sub>1</sub>		9.5	9.3	10.3	9.8	8.4	9.7	9.6	9.3	9.8	8.6	7.9			
Arealometer															
A		529	495	504	519	463	481	496	529	506	500	495			
D		52	43	43	57	46	46	42	48	46	44	44			
<u>SPINNING TESTS</u>															
Skein strength															
36's combed		112	105	103	112	108	112	107	118	108	112	110			
60's combed		59	55	55	58	57	60	56	62	56	58	58			
Yarn appearance index															
Combed yarns		120	125	120	120	125	120	120	120	120	120	120			
Neps															
Carded 4½ lbs/hr		4	3	2	5	4	1	2	3	2	5	3			
Waste (percent)															
Picker and card		8.5	6.6	8.0	8.1	8.1	7.2	6.8	8.1	7.2	7.8	7.5			
Comber		11.1	12.1	11.4	10.7	10.1	9.6	11.7	11.0	11.6	10.8	11.8			

1964 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

Combed Yarn Tests													
Fabens, Texas													
Fiber and Yarn Tests	Pima S-1	Pima S-2	CB-58	E1044	E1089	E1120	P-12	P-14	P-15	P-16	P-17		
<u>FIBER TESTS</u>													
<u>Ginned Lint</u>													
Classer's designation													
Grade	4AE 1-7/16	3AE 1-3/8	5AE 1-5/16	4AE 1-3/8	5AE 1-3/8	4AE 1-3/8	2AE 1-3/8	4AE 1-5/16	4AE 1-7/16	3AE 1-3/8	4AE 1-7/16		
Staple													
Fibrograph (inches)													
Upper half mean	1.38	1.32	1.32	1.39	1.35	1.35	1.36	1.32	1.39	1.38	1.45		
Mean	1.17	1.10	1.10	1.14	1.15	1.12	1.16	1.13	1.14	1.15	1.17		
Micronaire	3.43	4.00	3.85	3.60	4.50	4.15	4.05	3.73	3.63	4.15	4.05		
<u>Comber Drawing Sliver</u>													
Fibrograph (inches)													
Upper half mean	1.43	1.40	1.37	1.47	1.43	1.41	1.41	1.43	1.45	1.45	1.50		
Mean	1.26	1.24	1.21	1.28	1.26	1.25	1.25	1.26	1.27	1.26	1.29		
Stelometer													
Tenacity (grams/tex)													
T <sub>0</sub>	41.0	41.5	41.0	43.8	43.7	43.2	40.8	45.6	42.1	47.0	45.2		
T <sub>1</sub>	26.4	27.1	24.9	26.6	28.3	28.1	26.6	30.2	27.0	29.1	29.3		
E <sub>1</sub>	9.9	9.6	9.8	9.9	8.8	9.8	10.5	9.9	10.0	9.3	8.2		
Arealometer													
A	522	489	491	510	461	478	482	498	503	479	478		
D	58	51	51	47	32	43	41	52	45	47	43		
<u>SPINNING TESTS</u>													
Skein strength													
36's combed	115	107	100	113	109	113	103	117	105	109	106		
60's combed	59	55	52	59	56	60	54	62	55	57	56		
Yarn appearance index													
Combed yarns	120	120	120	120	120	125	120	120	120	120	120		
Neps													
Carded 4½ lbs/hr	6	2	3	7	2	2	2	4	3	2	6		
Waste (percent)													
Picker and card	9.4	8.6	9.9	8.6	12.3	8.8	7.1	8.1	8.4	8.2	10.0		
Comber	10.3	10.9	11.5	10.6	10.0	9.5	10.6	10.7	11.1	10.1	10.9		



## APPENDIX

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